SAFELY

Ontario Motor Vehicle Accident Facts

1984

Ontario

Ministry of
Transportation and
Communications

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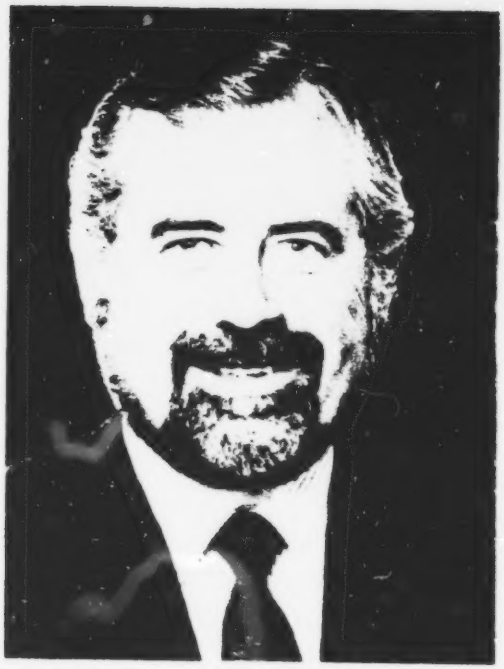
Motor Vehicle Accident Facts – 1984

Ministry of
Transportation and
Communications

Hon. Ed Fulton, Minister

Safety & Regulation
Transportation Regulation
Development Branch
Safety Co-ordination
& Development Office



Ed Fulton

Minister's Message

I'm pleased to announce that Ontario motor vehicle accident fatalities declined in 1984 to the lowest total recorded in almost thirty years. Although the number of licensed drivers and registered vehicles continued to rise, the 1,132 road deaths which occurred in 1984 represented a 6.0 per cent reduction from 1983.

We attribute the reduction in motor vehicle accident fatalities to a number of factors which all work toward increased highway safety.

The work of community action groups, combined with media and enforcement campaigns, is making impaired driving intolerable to an increasingly large portion of society. The reduction in the number of alcohol involved driver fatalities during the Christmas season, for example, indicates many people are getting the message and making efforts to improve road safety.

In the area of seatbelts, our '84 roadside survey found substantial increases in driver and passenger seat belt usage compared to '81. Child restraint use was also up with some type of restraint used by 55 per cent of infants and 79 per cent of toddlers and preschoolers. However, many of the restraints were not used properly and an alarming number of infants were observed on other passengers' laps, a very unsafe situation.

Improvements to road design and vehicle design were also completed in 1984 and public education on good driving practices has continued. All of these factors contribute to making Ontario's roads safer.

Yet, while there have been encouraging signs, some types of tragic accidents remain. Fatal motorcycle accidents increased again, making 1984 our worst year on record with 142 deaths. In addition, young and inexperienced drivers continue to be over-represented in accidents. I am also concerned that the number of injuries resulting from motor vehicle accidents has not shown the same steady decline as has the number of fatalities.

In 1985, we shall continue to focus on improving highway safety because while we have seen marked improvements in fatal accident rates over the past decade, there are, I am convinced, still substantial gains to be made.

Ed Fulton

Ed Fulton
Minister of
Transportation and Communications

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Motor Vehicle Accidents
1975 - 1984

Year	Fatalities	Fatal Accidents	Personal Injury Accidents	All Motor Vehicle Accidents
1975	1,800	1,520	65,811	213,689
1976	1,511	1,265	58,028	211,865
1977	1,420	1,213	63,787	218,567
1978	1,450	1,263	62,664	186,363*
1979	1,560	1,316	67,201	197,196
1980	1,508	1,296	67,391	196,501
1981	1,445	1,234	67,292	198,372
1982	1,138	997	62,956	187,943
1983	1,204	1,042	62,735	181,999
1984	1,132	1,011	66,101	194,782

*Minimum reportable property damage amount changed from over $200 to over $400 on January 1, 1978.

Trends in Motor Vehicle Accidents
Death and Injury Rates Over the Period 1975 - 1984

Between 1975 and the end of 1984, Ontario's population and the number of licensed drivers, motor vehicle registrations and motor vehicle accidents (with the exception of the years 1976, 1978, 1980, 1982 and 1983) were all on the rise. During the past ten years, traffic deaths reached a high of 1,800 in 1975 and declined to a low of 1,132 in 1984 which is the lowest annual fatality total since the year 1958 when 1,112 persons were killed.

In the past year, the number of deaths decreased 6.0% from 1,204 deaths in 1983 to 1,132 deaths in 1984. The estimated population grew from 8.82 million to 9.02 million. The death rate per 100,000 population decreased to 12.5 from 13.7 last year. The death rate over the past ten years ranges from 21.9 to 12.5. The 1984 death rate of 12.5 is the lowest since the year 1944 at which time the population was 3.96 million and the death rate was 12.6 per 100,000 population.

There was an increase in the number of persons injured, from 91,706 in 1983 to 97,230 this year. The 1984 injury rate per 100,000 population increased to 1077.5 from 1040.2 in 1983.

Last year, the number of motor vehicle accidents reported totalled 194,782 an increase of 7.0% against the 1983 total of 181,999. There were decreases of 3.0% in fatal accidents and 6.0% in persons killed. The personal injury accidents and persons injured increased 5.4% and 6.0% respectively.

The motor vehicle accident rate per one million kilometres travelled this year increased to 2.9 from 2.8 last year and the fatal accident rate per 100 million kilometres travelled decreased from 1.6 to 1.5. The death rate per 100 million kilometres travelled decreased from 1.84 in 1983 to 1.70 this year. The 1984 death rate of 1.70 is the lowest since 1955.

The number of kilometres driven in 1984 was estimated at 66,722,565,000 an increase of 2.1% from the 1983 figure of 65,358,842,000.

Synopsis

During 1984, there were 194,782 reported motor vehicle accidents, an increase of 7.0% from the total of 181,999 accidents reported in 1983. This year, there were decreases of 3.0% in fatal accidents and 6.0% in persons killed. Accidents involving personal injuries increased 5.4% and persons injured increased 6.0%. Property damage only accidents increased by 8.0%.

The number of drivers killed (excluding motorcycle and moped drivers) decreased 12.9% while driver injuries increased 7.1%. Passengers killed decreased 6.6% and injuries increased 5.2%.

Motorcycle driver fatalitites increased 25.5% and injuries increased 3.5%. The number of motorcycle passengers killed remained the same as last year at 19 while injuries increased 6.6%. Bicyclists killed and injured increased 2.0% and 6.5% respectively.

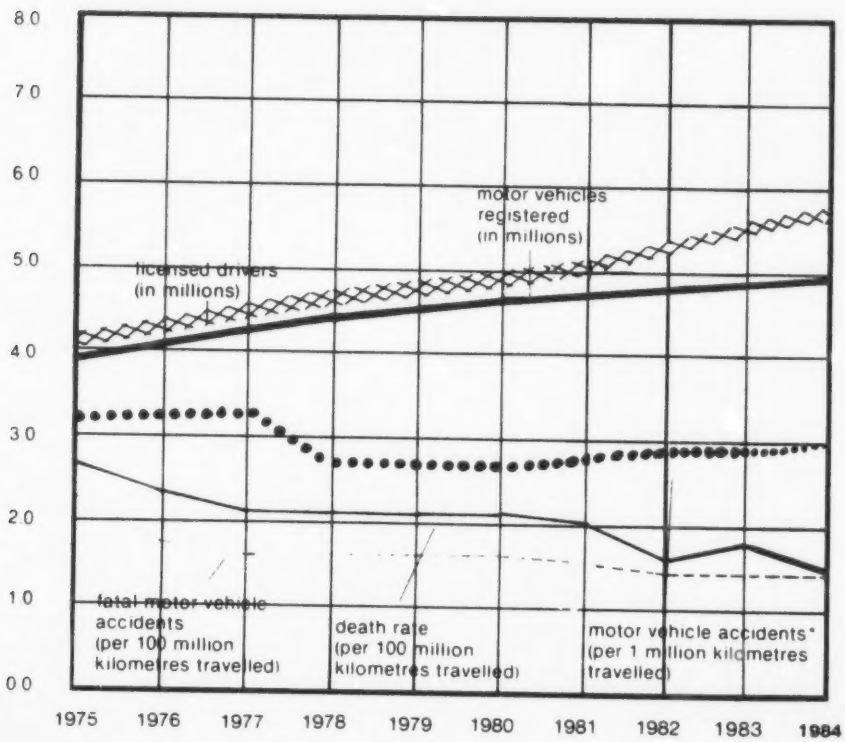
COMPARATIVE STATISTICS 1983 — 1984

	1983	1984	% of Change
Total Reportable Motor Vehicle Accidents	181,999	194,782	+7.0
Fatal Accidents	1,042	1,011	−3.0
Personal Injury Accidents	62,735	66,101	+5.4
Property Damage Only Accidents	118,222	127,670	+8.0
Persons Killed	1,204	1,132	−6.0
Persons Injured	91,706	97,230	+6.0
Vehicle Accident Rate per Million Kilometres Travelled*	2.8	2.9	+3.6
Fatal Accident Rate per 100 Million Kilometres Travelled*	1.6	1.5	−6.3
Death Rate per 100 Million Kilometres Travelled*	1.8	1.7	−5.6
Motor Vehicles Registered	4,356,304	4,969,613	+14.1
Millions of Vehicle Kilometres Travelled	65,359**	66,722**	+2.1
Ontario Population	8,815,900*	9,023,900*	+2.4
Licensed Drivers	5,380,259	5,513,911	+2.5
Amount of Property Damage	$407,104,879*	$461,533,108*	+13.4

*Estimated

**Kilometres travelled estimated on the basis of 22.08 kilometres per gallon of taxed gasoline and motor fuel.

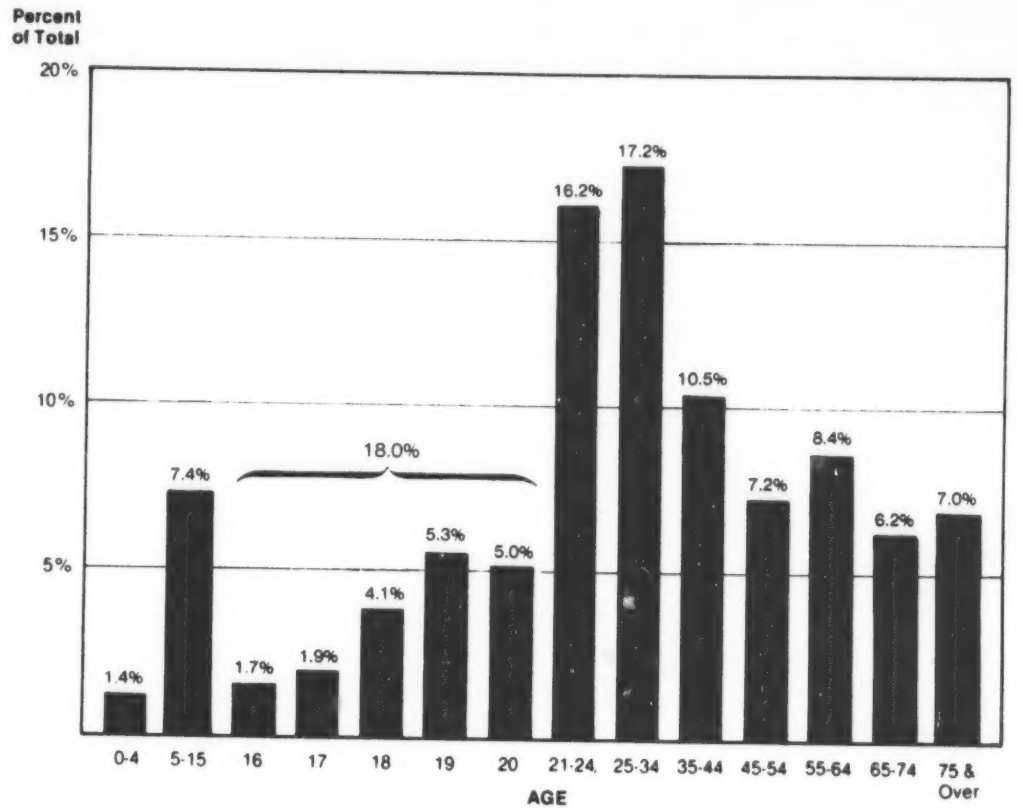
Trends in Motor Vehicle Registrations, Licensed Drivers, Motor Vehicle Accident Rates, Death Rates, Fatal Accident Rates 1975 – 1984



*On January 1, 1978 the reporting criterion for property damage only accidents was raised from $200 to $400.

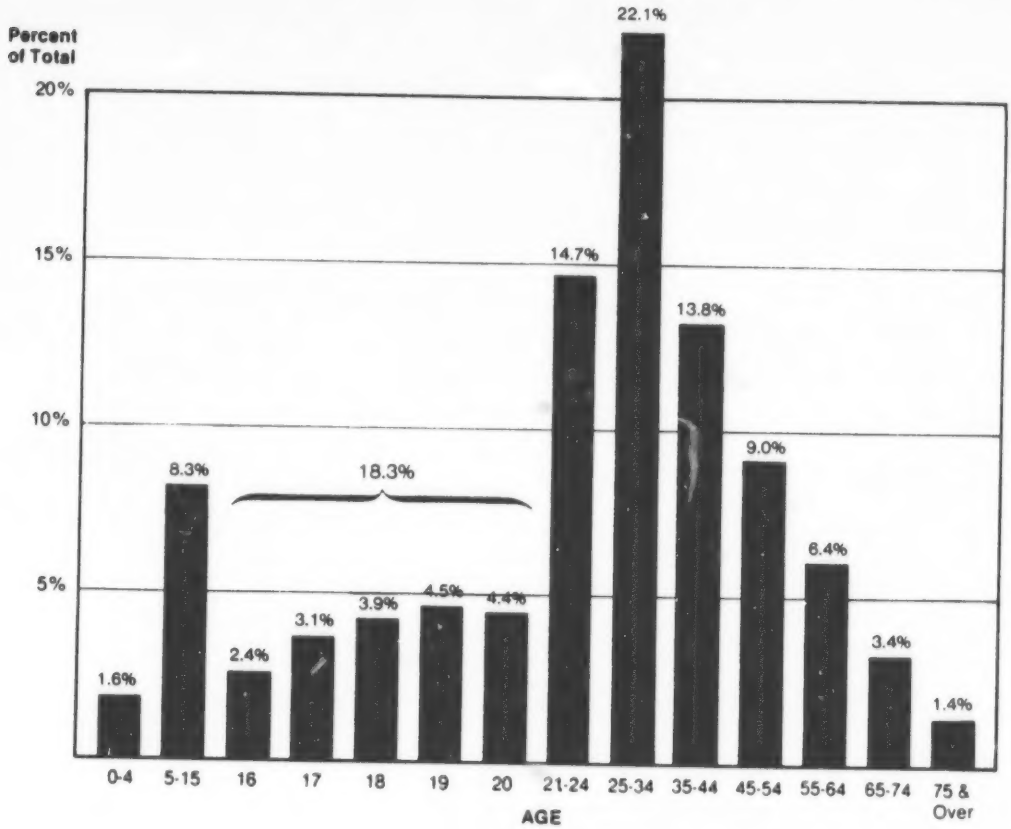
Deaths & Injuries

Class of Victims Killed — by Age — 1984



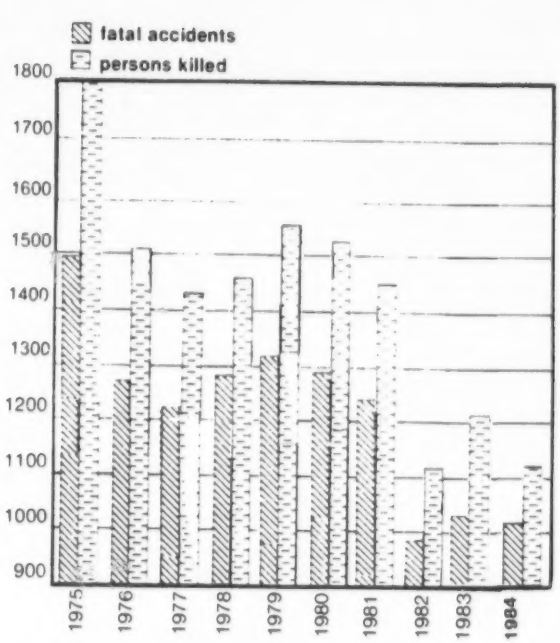
Victim	Total	Class of Victims Killed — By Age — 1984														
		0-4	5-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65-74	75 & Over	Not Stated
Driver	460	1	1	7	6	12	15	30	69	108	63	44	46	32	23	3
Passenger	282	9	30	4	8	20	22	12	46	34	20	13	27	14	23	–
Pedestrian	189	6	25	2	4	4	6	3	17	13	19	19	16	23	32	–
Bicyclist	50	–	23	2	–	2	3	1	–	5	5	3	2	–	1	3
Moped Driver	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Motorcycle Driver	123	–	3	3	2	6	13	10	44	27	11	2	2	–	–	–
Motorcycle Passenger	19	–	1	–	1	2	1	1	8	5	–	–	–	–	–	–
Other	8	–	–	1	–	–	–	–	–	3	1	–	2	1	–	–
Total	1,132	16	84	19	21	46	60	57	184	195	119	81	95	70	79	6

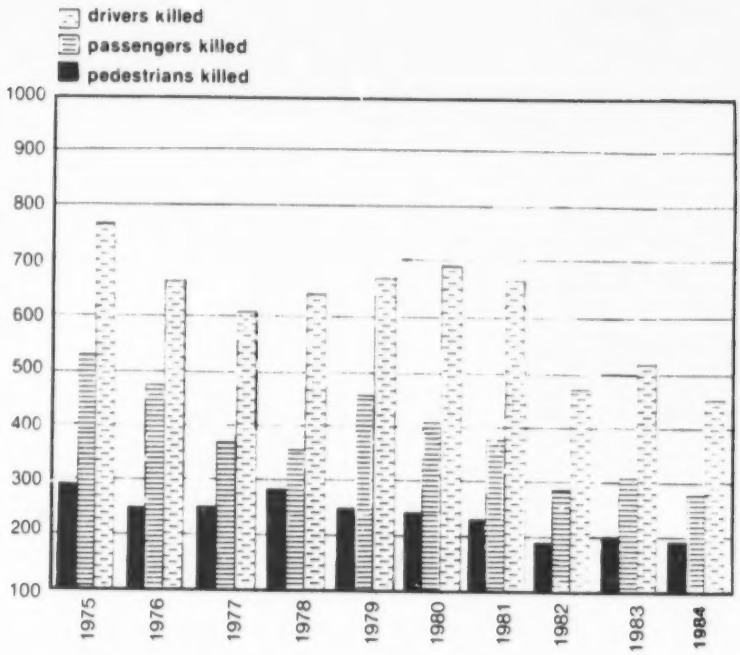
Class of Victims Injured — by Age — 1984



Victim	Total	Class of Victims Injured — By Age — 1984														
		0-4	5-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65-74	75 & Over	Not Stated
Driver	48,674	3	50	583	1,077	1,538	1,887	1,928	7,324	13,473	9,209	5,715	3,684	1,633	515	55
Passenger	31,865	1,276	4,549	1,060	1,216	1,322	1,465	1,382	4,296	5,348	3,196	2,458	2,098	1,304	630	265
Pedestrian	5,767	265	1,637	144	140	132	121	122	474	796	505	407	373	331	247	73
Bicyclist	4,262	33	1,581	216	174	173	219	165	520	438	126	77	59	23	14	444
Moped Driver	65	–	4	1	2	6	7	1	5	14	8	6	7	4	–	–
Motorcycle Driver	5,323	–	65	201	328	458	579	528	1,420	1,238	352	96	36	10	2	10
Motorcycle Passenger	1,036	1	97	65	77	116	115	109	234	150	50	14	1	–	–	7
Other	238	9	69	16	15	11	5	11	42	24	11	12	4	5	1	3
Total	97,230	1,587	8,052	2,286	3,029	3,756	4,398	4,246	14,315	21,481	13,457	8,785	6,262	3,310	1,409	857

Fatal Accidents and Persons Killed
1975 – 1984





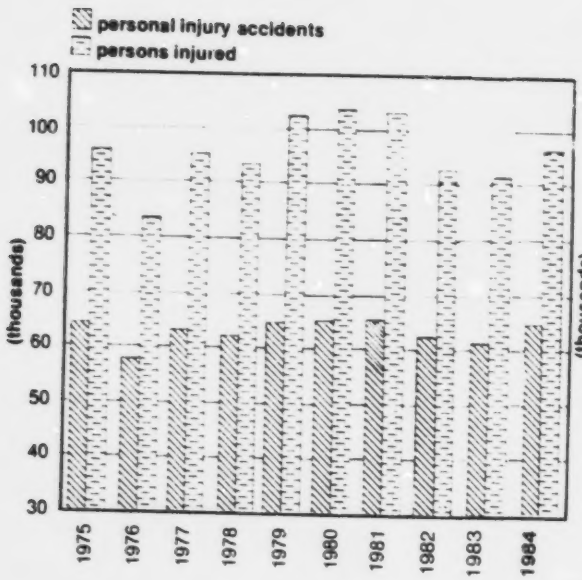
FATAL MOTOR VEHICLE ACCIDENT VICTIMS IN ONTARIO BY CLASS OF ROAD USER — ALL AGES

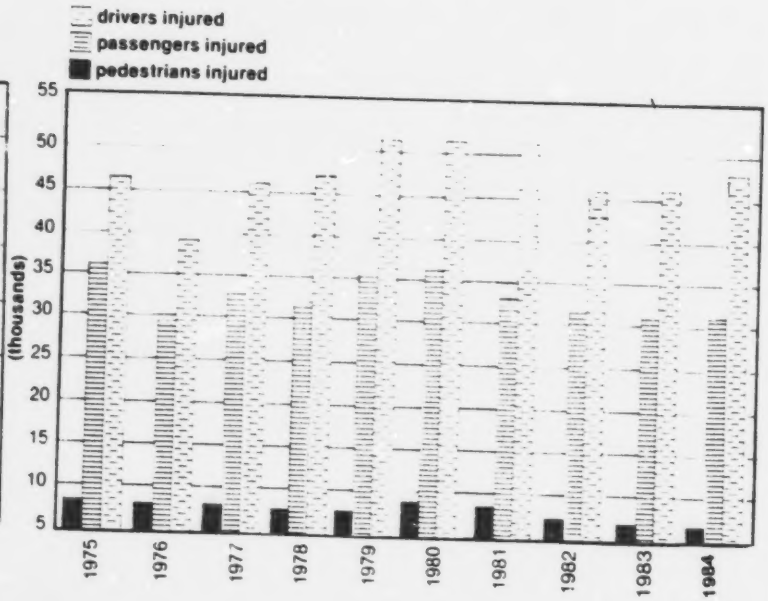
Year	Ontario Population (Est.)	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/ 100,000**	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000
1975	8,226,000	774	13.0	540	6.6	294	3.6	192	2.3	1,800	21.9
1976	8,265,000	648	10.8	461	5.6	251	3.0	151	1.8	1,511	18.3
1977	8,373,000	609	10.1	393	4.7	252	3.0	166	2.0	1,420	17.0
1978	8,444,000	623	9.9	383	4.5	284	3.4	160	1.9	1,450	17.2
1979	8,546,000	668	10.4	468	5.5	273	3.2	151	1.8	1,560	18.3
1980	8,570,000	682	10.5	413	4.8	266	3.1	147	1.7	1,508	17.6
1981	8,625,000	657	9.9	393	4.6	237	2.7	158	1.8	1,445	16.8
1982	8,715,000	487	7.3	296	3.4	179	2.1	176	2.0	1,138	13.1
1983	8,816,000	528	7.8	302	3.4	204	2.3	170	1.9	1,204	13.7
1984	**9,024,000**	**460**	**6.6**	**282**	**3.1**	**189**	**2.1**	**201**	**2.2**	**1,132**	**12.5**

*Excludes motorcycle passengers. (Motorcycle passengers included with "all others".)

**Rate per 100,000 population 16 years of age and over.

Personal Injury Accidents and Persons Injured
1975 – 1984





NON-FATAL MOTOR VEHICLE ACCIDENT VICTIMS IN ONTARIO BY CLASS OF ROAD USER — ALL AGES

Year	Ontario Population (Est.)	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/ 100,000**	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000
1975	8,226,000	45,847	772.7	35,658	433.5	7,299	88.7	8,230	100.0	97,034	1,179.6
1976	8,265,000	39,631	659.8	29,553	357.6	7,218	87.3	7,334	88.7	83,736	1,013.1
1977	8,373,000	45,620	756.7	34,854	416.3	6,998	83.6	8,192	97.8	95,664	1,142.5
1978	8,444,000	46,953	746.8	34,578	409.5	6,314	74.8	7,494	88.7	94,979	1,124.8
1979	8,546,000	50,618	787.5	36,332	425.1	6,436	75.3	7,935	92.9	101,321	1,185.6
1980	8,570,000	50,653	778.7	35,982	419.8	6,548	76.4	8,184	95.5	101,367	1,182.8
1981	8,625,000	50,574	765.8	34,450	399.4	6,344	73.6	8,953	103.8	100,321	1,163.1
1982	8,715,000	45,409	677.6	31,588	362.4	5,981	68.6	9,837	112.9	92,815	1,065.0
1983	8,816,000	45,440	667.1	30,283	343.5	5,618	63.7	10,365	117.6	91,706	1,040.2
1984	**9,024,000**	**48,674**	**694.0**	**31,865**	**353.1**	**5,767**	**63.9**	**10,924**	**121.0**	**97,230**	**1,077.5**

*Excludes motorcycle passengers. (Motorcycle passengers included with "all others".)

**Rate per 100,000 population 16 years of age and over.

Motorcycle Accident Statistics

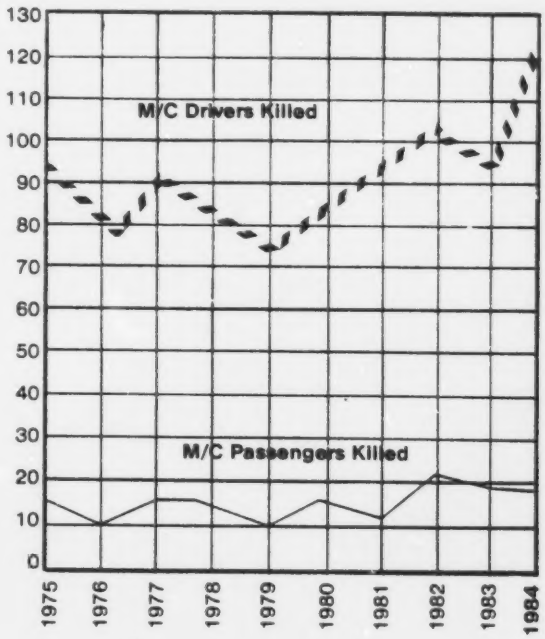
During 1984, the number of motorcyclists killed increased 21.4% and injuries increased 4.3%.

The motorcycle driver fatality rate per 100,000 drivers in 1984 increased from 29.8 in 1983 to 34.2 this year. The motorcycle driver injury rate per 100,000 drivers decreased from 1565.5 in 1983 to 1478.9 this year.

The number of licensed drivers authorized to operate motorcycles increased 9.6% from 328,518 in 1983 to 359,938. Motorcycle registrations were up 9.1% from 133,300 in 1983 to an estimated 145,430 this year.

Summary of Factors Relevant To Motorcycle Fatal Accidents

	1982	1983	1984
• Unlicensed Motorcycle Drivers	34%	33%	31%
• Young, Inexperienced Motorcycle Drivers			
• Under 25 Years Old	65%	67%	66%
• Valid "M" Licence Less Than One Year	21%	16%	15%
• Alcohol Used (Fatalities)	62%	60%	57%
• Helmet Not Worn (Fatalities)	14%	10%	14%
• Motorcycle Driver Error			
• Speed Too Fast/Lost Control	53%	55%	58%
• Other Error	18%	23%	13%
• Single Vehicle Accidents	46%	36%	48%
• Time of Occurrence			
• Day/Night	50/50	50/50	40/60
• Weekend	50%	50%	50%



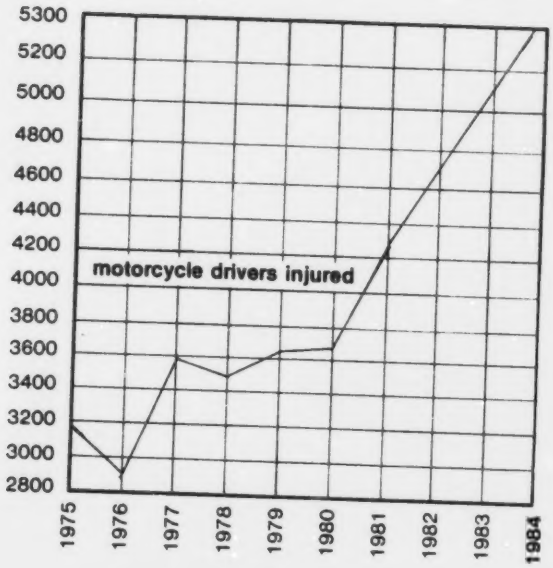
Year	MOTORCYCLISTS KILLED AND INJURED*							
	Drivers				Passengers			
	Killed	% + -	Injured	% + -	Killed	% + -	Injured	% + -
1975	97	+12.8	3,181	- 2.4	16	+ 23.1	679	- 4.1
1976	78	- 19.6	2,818	- 11.4	10	- 37.5	648	- 4.6
1977	88	+ 12.8	3,594	+ 27.5	17	+ 70.0	807	+ 24.5
1978	80	- 9.1	3,453	- 3.9	17	—	697	- 13.6
1979	75	- 6.2	3,667	+ 6.2	10	- 41.2	710	+ 1.9
1980	81	+ 8.0	3,696	+ 0.8	18	+ 80.0	772	+ 8.7
1981	94	+ 16.0	4,303	+ 16.4	13	- 27.8	886	+ 14.8
1982	104	+ 10.6	4,711	+ 9.5	22	+ 69.2	930	+ 5.0
1983†	98	- 5.8	5,143	+ 9.2	19	- 13.6	954	+ 2.6
1984††	**123**	**+25.5**	**5,323**	**+ 3.5**	**19**	**—**	**1,036**	**+ 8.6**

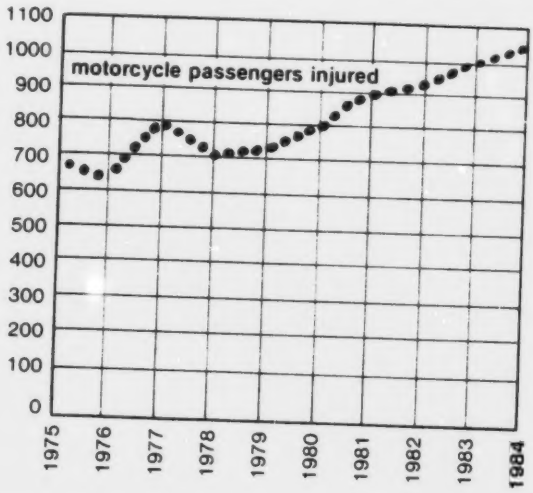
*Excludes moped drivers and passengers.

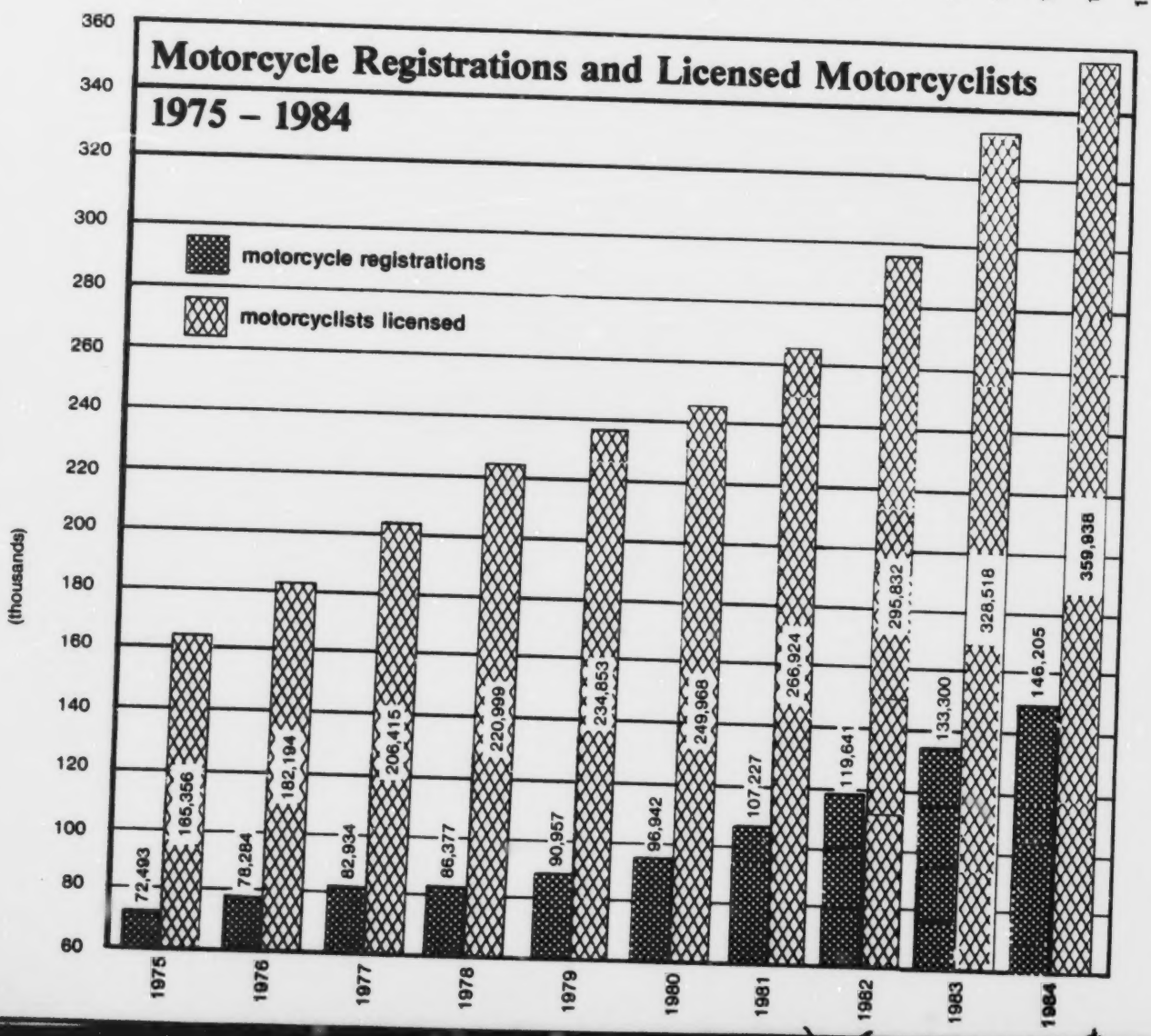
†Totals include 3 All Terrain Vehicle (A.T.V.) Driver fatalities and 74 injuries and 1 A.T.V. Passenger fatality and 13 injuries.

††Totals include 7 All Terrain Vehicle (A.T.V.) Driver fatalities and 51 injuries and 19 A.T.V. Passenger injuries.

Motorcyclists Injured 1975 - 1984







All Terrain Vehicle Accident Victims - 1983

ON HIGHWAY

VICTIMS	AGE GROUPS																	
	0-15		16-20		21-24		25-34		35-44		45-54		55-64		65+		TOTAL	
	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I
Driver - Male	2	15	–	25	–	9	1	9	–	3	–	2	–	–	–	2	3	65
Driver - Female	–	4	–	3	–	–	–	2	–	–	–	–	–	–	–	–	–	9
Passenger - Male	1	4	–	5	–	–	–	–	–	–	–	–	–	–	–	–	1	9
Passenger - Female	–	1	–	2	–	–	–	1	–	–	–	–	–	–	–	–	–	4
Pedestrian - Male	1	1	–	–	–	–	–	1	–	–	–	1	–	–	–	–	1	3
Pedestrian - Female	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2
Other Victim - Male	–	2	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	4
Other Victim - Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TOTAL	4	29	–	36	–	10	1	13	–	3	–	3	–	–	–	2	5	96

On Highway Accidents — 4 Fatal, 81 Personal Injury

OFF HIGHWAY

VICTIMS	AGE GROUPS																	
	0-15		16-20		21-24		25-34		35-44		45-54		55-64		65+		TOTAL	
	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I
Driver - Male	1	33	1	21	1	13	1	4	–	5	–	2	–	1	–	–	4	79
Driver - Female	–	5	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	6
Passenger - Male	–	10	–	5	–	–	–	–	–	–	–	–	–	–	–	–	–	15
Passenger - Female	–	5	–	3	–	1	–	–	–	–	–	–	–	–	–	–	–	9
Pedestrian - Male	–	2	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	3
Pedestrian - Female	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
Other Victim - Male	–	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	3
Other Victim - Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TOTAL	1	58	1	30	1	14	1	4	–	7	–	2	–	1	–	–	4	116

Off Highway Accidents — 4 Fatal, 84 Personal Injury, 2 Property Damage only.

Total
All Terrain Vehicle Accident Victims - 1983

VICTIMS	AGE GROUPS																	
	0-15		16-20		21-24		25-34		35-44		45-54		55-64		65+		TOTAL	
	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I
Driver - Male	3	48	1	46	1	22	2	13	–	8	–	4	–	1	–	2	7	144
Driver - Female	–	9	–	3	–	–	–	2	–	1	–	–	–	–	–	–	–	15
Passenger - Male	1	14	–	10	–	–	–	–	–	–	–	–	–	–	–	–	1	24
Passenger - Female	–	6	–	5	–	1	–	1	–	–	–	–	–	–	–	–	–	13
Pedestrian - Male	1	3	–	–	–	–	–	1	–	1	–	1	–	–	–	–	1	6
Pedestrian - Female	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3
Other Victim - Male	–	4	–	2	–	1	–	–	–	–	–	–	–	–	–	–	–	7
Other Victim - Female	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TOTAL	5	87	1	66	1	24	2	17	–	10	–	5	–	1	–	2	9	212

Total Accidents — 8 Fatal, 165 Personal Injury, 2 Property Damage only.

Summary of Factors Relevant to All-Terrain Vehicle Accidents 1983

Driver Error

- Speed Too Fast/Lost Control — 54%
- Other Error — 31%

Driver Condition

- Normal — 80%
- Ability Impaired Alcohol/ Had Been Drinking — 13%
- Unknown — 7%

Drivers Killed/Injured - Age

- 15 years or less — 36%
- 16 - 20 years — 30%
- 21 - 24 years — 14%

Helmet Worn
(Drivers) — 94%

Time of Occurrence

- Day — 75%
- Night — 19%

All-Terrain Vehicle Accident Victims/Factors – 1984

ON HIGHWAY

AGE	DRIVERS			PASSENGERS			TOTAL
	KILLED	INJURED	TOTAL	KILLED	INJURED	TOTAL	DR'S. & PASS
-16	–	13	13	–	9	9	22
16-19	1	15	16	–	4	4	20
20-24	4	9	13	–	3	3	16
25-34	–	8	8	–	2	2	10
35+	2	6	8	–	1	1	9
TOTAL	7	51	58	–	19	19	77

ON HIGHWAY ACCIDENTS – 7 FATAL, 58 PERSONAL INJURY, 7 PROPERTY DAMAGE ONLY

OFF HIGHWAY

AGE	DRIVERS			PASSENGERS			TOTAL
	KILLED	INJURED	TOTAL	KILLED	INJURED	TOTAL	DR'S. & PASS
-16	–	20	20	–	8	8	28
16-19	–	17	17	–	1	1	18
20-24	–	16	16	–	–	–	16
25-34	–	9	9	–	4	4	13
35+	–	8	8	–	3	3	11
TOTAL	–	70	70	–	16	16	86

OFF HIGHWAY ACCIDENTS – 0 FATAL, 73 PERSONAL INJURY, 5 PROPERTY DAMAGE ONLY

ON/OFF HIGHWAY

AGE	DRIVERS			PASSENGERS			TOTAL
	KILLED	INJURED	TOTAL	KILLED	INJURED	TOTAL	DR'S. & PASS
-16	–	33	33	–	17	17	50
16-19	1	32	33	–	5	5	38
20-24	4	25	29	–	3	3	32
25-34	–	17	17	–	6	6	23
35+	2	14	16	–	4	4	20
TOTAL	7	121	128	–	35	35	163

TOTAL ACCIDENTS – 7 FATAL, 131 PERSONAL INJURY, 12 PROPERTY DAMAGE ONLY
NOTE: 1983 TOTALS – 8 FATAL, 165 PERSONAL INJURY, 2 PROPERTY DAMAGE ONLY

OTHER VICTIMS IN ON/OFF HIGHWAY ACCIDENTS

AGE	KILLED		INJURED		TOTAL
	ON	OFF	ON	OFF	
-16	–	–	1	1	2
16-19	–	–	–	–	–
20-24	–	–	2	–	2
25-34	–	–	–	–	–
35+	–	–	4	1	5
TOTAL	–	–	7	2	9

All Terrain Vehicle Accident Factors – 1984

DRIVER CONDITION AND CLASSIFICATION OF ACCIDENT

CONDITION	ON HIGHWAY			OFF HIGHWAY		
	FATAL	INJURY	P.D.O.	FATAL	INJURY	P.D.O.
Normal	–	37	6	–	59	4
Had Been Drinking	2	17	–	–	9	–
Impaired	–	1	–	–	–	–
Other	–	–	–	–	–	–
Unknown	5	4	1	–	5	1

DRIVER ACTION

ACTION	ON	OFF
Driving Properly	10%	18%
Speed Too Fast	48%	40%
Failed To Yield The Right Of Way	14%	3%
Lost Control	14%	19%
Other	8%	5%
Unknown	6%	15%

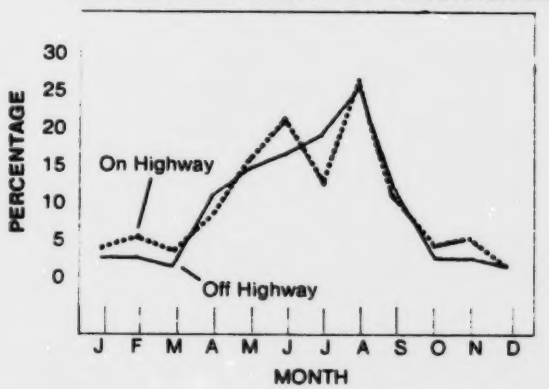
ACCIDENT INVOLVING ATV AND:

	ON	OFF
Other Motor Vehicle	39%	19%
Other ATV	3%	9%
Other Movable Object	4%	3%
Fixed Object – Man Made	6%	10%
– Natural	22%	31%
Non-Collision Event	26%	28%

LOCATION

On Highway –	48%
Off Highway Including –	52%
• Trail	8%
• Private Road	20%
• Field	13%
• Parking Lot	3%
• Other	6%
• Unknown	2%

ACCIDENTS BY MONTH OF OCCURRENCE



OTHER FACTORS

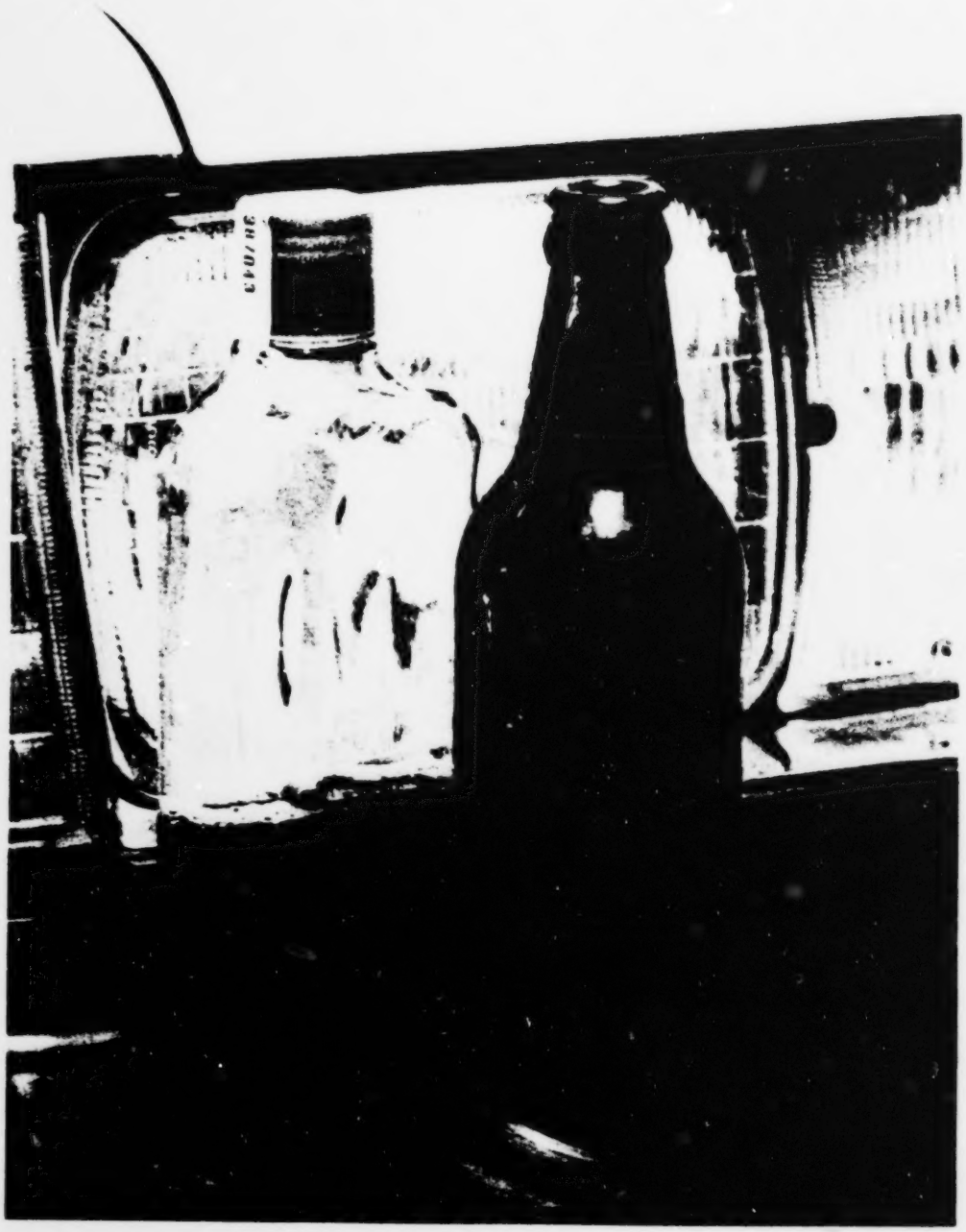
	ON	OFF
Male	89%	85%
Helmet Not Worn	42%	39%
Vehicle Type – 2 Wheeled	8%	1%
– 3 Wheeled or More	85%	92%
Environment – Dry	90%	96%
– Day	75%	86%
– Southern Ontario	56%	62%
Vehicle Registered	43%	47%

Actions and Conditions of Pedestrians Killed and Injured 1983 – 1984

ACTIONS OF PEDESTRIANS KILLED AND INJURED				
Action	1983		1984	
	Killed	Injured	Killed	Injured
Crossing Intersection With Right of Way	14	1,020	7	1,076
Crossing Intersection Without Right of Way	13	461	11	424
Crossing Intersection No Traffic Control	7	137	8	135
Crossing Pedestrian Crossover	2	157	2	194
Walking on Roadway With Traffic	19	149	12	207
Walking on Roadway Against Traffic	8	103	11	90
On Sidewalk or Shoulder	14	352	11	362
Coming from Behind Parked Vehicle or Object	3	372	6	351
Playing or Working on Highway	5	92	4	93
Running into Roadway	29	1,120	25	1,151
Crossing Through Traffic	48	803	61	854
Other	42	852	31	830
Total	**204**	**5,618**	**189**	**5,767**

CONDITION OF PEDESTRIANS KILLED AND INJURED				
Condition	1983		1984	
	Killed	Injured	Killed	Injured
Normal	119	4,300	97	4,530
Had Been Drinking	16	453	20	420
Ability Impaired by Alcohol	49	139	38	138
Ability Impaired by Drugs	–	8	–	4
Fatigue	–	7	–	3
Medical or Physical Defect	3	100	7	98
Not Known	16	522	25	504
Other	1	89	2	70
Total	**204**	**5,618**	**189**	**5,767**

Selected Characteristics



Selected Characteristics of Motor Vehicle Accidents

The following tables present motor vehicle accident information in relation to selected driver, vehicle and road characteristics. Listings of accidents by various geographic areas of the province are included.

CONDITION OF DRIVER

Condition	All Accidents				Fatal Accidents			
	1983	%	1984	%	1983	%	1984	%
Apparently Normal	259,265	83.8	281,984	84.4	998	63.0	988	62.4
Ability Impaired by Alcohol	8,472	2.7	8,645	2.6	338	21.3	281	17.8
Had Been Drinking	15,491	5.0	15,094	4.5	170	10.7	211	13.3
Other	2,216	0.7	2,236	0.7	4	0.3	12	0.8
Not Known	23,811	7.7	25,992	7.8	75	4.7	90	5.7
Total	309,255	100.0	333,951	100.0	1,585	100.0	1,582	100.0

RECORDED OCCURRENCE OF ALCOHOL IN DRIVERS KILLED

Recorded Occurrence	Number of Drivers*			
	1983	%	1984	%
Apparently Normal	303	48.9	292	50.9
Ability Impaired by Alcohol	259	41.8	206	35.9
Had Been Drinking	57	9.2	76	13.2
Total	619	100.0	574	100.0

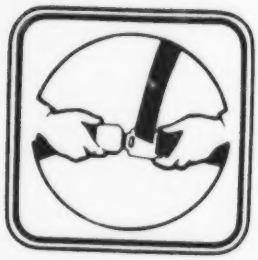
*Excludes cases where alcohol usage was not provided.

Driver Condition by Age and Apparent Driver Action in all Motor Vehicle Accidents 1983 – 1984

DRIVER CONDITION BY AGE IN ALL MOTOR VEHICLE ACCIDENTS												
Driver's Age	Normal		Ability Impaired – Alcohol		Had Been Drinking		Other		Not Known		Total	
	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984
Under 16	318	298	7	4	22	22	13	10	45	31	405	**365**
16	4,010	3,972	37	42	163	176	27	24	174	143	4,411	**4,357**
17	6,885	6,999	153	118	446	371	60	55	246	262	7,790	**7,805**
18	8,927	8,788	270	239	777	647	95	71	374	341	10,443	**10,086**
19	9,467	9,904	400	368	1,131	1,091	94	108	386	452	11,478	**11,923**
20	9,685	10,293	405	437	1,090	1,125	111	119	446	427	11,737	**12,401**
21 - 24	36,079	39,897	1,593	1,680	3,582	3,651	296	356	1,535	1,734	43,085	**47,318**
25 - 34	69,063	75,113	2,490	2,758	4,487	4,399	512	467	2,568	2,706	79,120	**85,443**
35 - 44	47,471	53,356	1,513	1,489	1,985	1,919	301	301	1,504	1,708	52,774	**58,773**
45 - 54	31,185	34,028	925	819	983	935	226	210	971	918	34,290	**36,910**
55 - 64	22,329	24,040	503	520	560	515	213	217	655	644	24,260	**25,936**
65 - 74	10,387	11,180	136	143	212	190	152	174	289	283	11,176	**11,970**
75 & Over	3,319	3,933	14	12	36	35	110	120	110	120	3,589	**4,220**
Not Known	140	183	26	16	17	18	6	4	14,508	16,223	14,697	**16,444**
Total	**259,265**	**281,984**	**8,472**	**8,645**	**15,491**	**15,094**	**2,216**	**2,236**	**23,811**	**25,992**	**309,255**	**333,951**

APPARENT DRIVER ACTION IN ALL MOTOR VEHICLE ACCIDENTS				
Action	**1983**	**% of Total**	**1984**	**% Of Total**
Driving Properly	132,064	42.7	**144,084**	43.1
Following Too Close	15,829	5.1	**17,379**	5.2
Speed Too Fast	26,036	8.4	**27,338**	8.2
Improper Turn	12,165	3.9	**13,354**	4.0
Disobey Traffic Signal	6,044	2.0	**6,565**	2.0
Disobey Stop Sign	3,647	1.2	**3,849**	1.2
Fail to Yield Right of Way	33,604	10.9	**36,372**	10.9
Improper Passing	4,696	1.5	**5,285**	1.6
Lost Control	22,861	7.4	**23,197**	6.9
Wrong Way On One-Way Road	317	0.1	**319**	0.1
Disobey Other Control	148	0.1	**154**	0.1
Other*	23,140	7.5	**25,216**	7.5
Not Known	28,704	9.2	**30,859**	9.2
Total	309,255	**100.0**	**333,951**	**100.0**

*Includes actions defined as Careless Driving, Inattentive Driving, Fell Asleep, Hit and Run, On Wrong Side of Road, Improper Parking, Impaired, Illegally Parked, Dangerous Driving, Inexperience, etc.



Driver Seat Belt Usage by Nature of Injury 1983 - 1984

DRIVER SEAT BELT USAGE BY NATURE OF INJURY – 1984*

Nature of Injury	Installed – Not In Use		Installed – In Use		Installed – Use Unknown		Not Installed		Not Known		Total	
	1984	%	1984	%	1984	%	1984	%	1984	%	1984	%
Killed	235	1.13	137	0.05	74	0.9	2	0.1	12	0.1	**460**	0.1
Injured	6,585	31.7	39,470	14.4	1,869	22.3	408	15.2	342	1.7	**48,674**	14.9
Not Injured	13,969	67.2	235,536	85.6	6,419	76.8	2,278	84.7	19,994	98.2	**278,196**	85.0
Total	**20,789**	**100.0**	**275,143**	**100.0**	**8,362**	**100.0**	**2,688**	**100.0**	**20,348**	**100.0**	**327,330**	**100.0**

DRIVER SEAT BELT USAGE BY NATURE OF INJURY – 1983*

Nature of Injury	Installed Not In Use		Installed – In Use		Installed – Use Unknown		Not Installed		Not Known		Total	
	1983	%	1983	%	1983	%	1983	%	1983	%	1983	%
Killed	302	1.22	129	0.05	73	0.9	7	0.2	17	0.1	**528**	0.2
Injured	7,505	30.4	35,111	14.1	1,946	23.0	476	15.0	402	2.1	**45,440**	15.0
Not Injured	16,835	68.3	212,764	85.8	6,424	76.1	2,703	84.8	18,400	97.8	**257,126**	84.8
Total	**24,642**	**100.0**	**248,004**	**100.0**	**8,443**	**100.0**	**3,186**	**100.0**	**18,819**	**100.0**	**303,094**	**100.0**

*Excludes Motorcycle and Moped Drivers

Note: Mandatory usage of seat belts came into effect on January 1, 1976.

In 1984, 84.1% of the drivers involved in motor vehicle accidents were reported to have been using their seat belts and 6.4% were not using them as compared to 81.8% of the drivers in 1983 who were using their seat belts and 8.1% were not.

During 1984, there were 12.9% fewer driver fatalities while drivers injured increased 7.1%. Out of the 20,789 drivers involved who had seat belts installed but were not using them 1.13% (235) were killed, 31.7% (6,585) were injured and 67.2% (13,969) were not injured. In comparison, 0.05% (137) of the drivers who were using their seat belts were killed, 14.4% (39,470) were injured and 85.6% (235,536) were not injured.

Driver Severity of Injury by Seat Belt Usage 1983-1984

DRIVER - SEVERITY OF INJURY BY SEAT BELT USAGE - 1984*								
Severity of Injury	Installed — In-Use		Installed Not In Use & Not Installed		Usage Not Known		Total	
	1984	%	1984	%	1984	%	1984	%
None	235,536	85.6	16,247	69.2	26,413	92.0	**278,196**	85.0
Minimal	24,990	9.1	3,109	13.2	895	3.1	**28,994**	8.9
Minor	12,557	4.6	2,721	11.6	822	2.9	**16,100**	4.9
Major	1,923	0.7	1,163	5.0	494	1.7	**3,580**	1.1
Fatal	137	0.04	237	1.00	86	0.3	**460**	0.1
Total	**275,143**	**100.0**	**23,477**	**100.0**	**28,710**	**100.0**	**327,330**	**100.0**

DRIVER — SEVERITY OF INJURY BY SEAT BELT USAGE — 1983*								
Severity of Injury	Installed — In-Use		Installed Not In Use & Not Installed		Usage Not Known		Total	
	1983	%	1983	%	1983	%	1983	%
None	212,764	85.8	19,538	70.2	24,824	91.1	**257,126**	84.8
Minimal	22,015	8.9	3,549	12.8	925	3.4	**26,489**	8.7
Minor	11,323	4.6	3,184	11.4	898	3.3	**15,405**	5.1
Major	1,773	0.7	1,248	4.5	525	1.9	**3,546**	1.2
Fatal	129	0.05	309	1.11	90	0.3	**528**	0.2
Total	**248,004**	**100.0**	**27,828**	**100.0**	**27,262**	**100.0**	**303,094**	**100.0**

*Excludes Motorcycle & Moped Drivers

Definitions of injuries:

Minimal — Persons did not go to a hospital when leaving the scene of the accident. This includes minor abrasions and bruises, complaint of pain, etc, providing the person chose not to go to a hospital.

Minor - Persons with injuries or complaint of pain that went to a hospital but were treated in the emergency room and released (not admitted to a hospital).

Major — Persons with injuries or complaint of pain that went to a hospital and were subsequently admitted. This includes admitted for observation only.

Passenger Seat Belt Usage by Nature of Injury 1983-1984

PASSENGER SEAT BELT USAGE BY NATURE OF INJURY - 1984*												
Nature of Injury	Installed — Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1984	%	1984	%	1984	%	1984	%	1984	%	1984	%
Killed	140	0.94	83	0.06	44	0.9	14	0.2	1	0.01	282	0.2
Injured	5,705	38.5	22,711	16.5	1,157	24.5	2,067	29.2	225	2.5	31,865	18.4
Not Injured	8,985	60.6	114,461	83.4	3,513	74.5	4,998	70.6	8,902	97.5	140,859	81.4
Total	**14,830**	**100.0**	**137,255**	**100.0**	**4,714**	**100.0**	**7,079**	**100.0**	**9,128**	**100.0**	**173,006**	**100.0**

PASSENGER SEAT BELT USAGE BY NATURE OF INJURY — 1983*												
Nature of Injury	Installed Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1983	%	1983	%	1983	%	1983	%	1983	%	1983	%
Killed	163	0.87	75	0.06	42	0.8	19	0.3	3	0.1	302	0.2
Injured	6,697	36.0	19,918	16.0	1,235	22.9	2,119	28.9	314	4.1	30,283	18.6
Not Injured	11,743	63.1	104,116	83.9	4,105	76.3	5,194	70.8	7,286	95.8	132,444	81.2
Total	**18,603**	**100.0**	**124,109**	**100.0**	**5,382**	**100.0**	**7,332**	**100.0**	**7,603**	**100.0**	**163,029**	**100.0**

*Excludes motorcycle and non-injured bus passengers.

Note: Mandatory usage of seat belts came into effect on January 1, 1976.

In 1984, 79.3% of the passengers involved in motor vehicle accidents were reported to have been using their seat belts and 8.6% were not as compared to 76.1% of the passengers in 1983 who were using their seat belts and 11.4% were not.

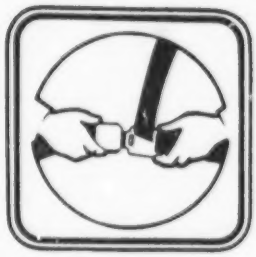
This year, there was a 6.6% decrease in passenger fatalities and a 5.2% increase in passengers injured. Out of the 14,830 passengers involved who had seat belts installed but were not using them, 0.94% (140) were killed, 38.5% (5,705) were injured and 60.6% (8,985) were not injured. In comparison, 0.06% (83) of the 137,255 passengers who were using their seat belts were killed, 16.5% (22,711) were injured and 83.4% (114,461) were not injured.

CHILD RESTRAINT SYSTEMS

During 1983, there were 4,443 children involved in motor vehicle accidents who were reported to have had child restraint systems available. The installed in-use data shows that 1 child was killed, 331 were injured and 4,013 not injured. The remaining 2 children killed, 33 injured and 63 not injured were not using restraint systems or usage was unknown.

During 1984, there were 5,562 children involved in motor vehicle accidents that were reported to have had child restraint systems available. The installed in-use data shows that 3 children were killed, 439 were injured and 5,045 were not injured. The remaining 1 child killed, 15 injured and 59 not injured, were not using restraint systems or usage was unknown.

Passenger Severity of Injury by Seat Belt Usage 1983-1984



PASSENGER – SEVERITY OF INJURY BY SEAT BELT USAGE – 1984*								
Severity of Injury	Installed In-Use		Installed Not In Use & Not Installed		Usage Not Known		Total	
	1984	%	1984	%	1984	%	1984	%
None	114,461	83.4	13,983	63.8	12,415	89.7	**140,859**	81.4
Minimal	13,850	10.1	3,528	16.1	560	4.0	**17,938**	10.4
Minor	7,684	5.6	3,176	14.5	562	4.1	**11,422**	6.6
Major	1,179	0.8	1,068	4.9	258	1.9	**2,505**	1.4
Fatal	83	0.06	154	0.70	45	0.3	**282**	0.2
Total	**137,257**	**100.0**	**21,909**	**100.0**	**13,840**	**100.0**	**173,006**	**100.0**

PASSENGER – SEVERITY OF INJURY BY SEAT BELT USAGE – 1983*								
Severity of Injury	Installed In-Use		Installed Not In Use & Not Installed		Usage Not Known		Total	
	1983	%	1983	%	1983	%	1983	%
None	104,392	83.9	13,494	60.0	14,558	90.1	**132,444**	81.2
Minimal	12,033	9.7	3,944	17.5	630	3.9	**16,607**	10.2
Minor	6,877	5.5	3,725	16.6	644	4.0	**11,246**	6.9
Major	1,008	0.8	1,147	5.1	275	1.7	**2,430**	1.5
Fatal	75	0.06	182	0.80	45	0.3	**302**	0.2
Total	**124,385**	**100.0**	**22,492**	**100.0**	**16,152**	**100.0**	**163,029**	**100.0**

*Excludes motorcycle and non-injured bus passengers.

Note: Refer to page 20 for definition of injuries.

INJURIES & FATALITIES TO CHILD PASSENGERS 0 - 4 YEARS OLD						
		0-24* months	2 years	3 years	4 years	Total
1984	Killed	4	3	3a	–	10
	Injured	320+	280	315a	364	1,279
1983	Killed	3	2	1	2	8
	Injured	187	300+	299	349+	1,135
1982	Killed	5	2	1	2	10
	Injured	234	325	342	423	1,324
1981	Killed	8	2	6	4	20
	Injured	387	349[a]	428[a]	433	1,597
1980	Killed	9	3	1	5	18
	Injured	401	424	410	462+	1,697
1979	Killed	7	4	3	3	17
	Injured	422	419	448	425	1,714
1978	Killed	7	7	–	3	17
	Injured	385	401	442	448	1,676
1977	Killed	5	3	3	2	13
	Injured	388	464	408	458	1,718
8 YEAR TOTAL	**Killed**	**48**	**26**	**18**	**21**	**113**
	Injured	**2,724**	**2,962**	**3,092**	**3,362**	**12,140**

* Note: 2 year period.

[a] Includes 1 child listed as a driver, as he/she set the vehicle in motion.

† Includes 2 children listed as drivers as they set the vehicle in motion.

Severity of Injury by Class of Persons Involved 1983-1984

Class of Victim	Severity of Injury — 1984					
	None	Minimal	Minor	Major	Fatal	Total
Driver	278,196	28,994	16,100	3,580	460	**327,330**
Passenger*	187,159	17,938	11,422	2,505	282	**219,306**
Pedestrian	343	2,002	2,722	1,043	189	**6,299**
Bicyclist	134	2,175	1,680	407	50	**4,446**
Moped Driver	7	20	27	12	1	**67**
Motorcycle Driver	1,077	1,952	2,375	996	123	**6,523**
Motorcycle Passenger	196	342	494	200	19	**1,251**
Other	10,445	29	119	96	8	**10,697**
Total	**477,557**	**53,452**	**34,939**	**8,839**	**1,132**	**575,919**

Class of Victim	Severity of Injury — 1983					
	None	Minimal	Minor	Major	Fatal	Total
Driver	257,126	26,489	15,405	3,546	528	**303,094**
Passenger*	176,044	16,607	11,246	2,430	302	**206,629**
Pedestrian	317	1,882	2,680	1,056	204	**6,139**
Bicyclist	136	1,977	1,690	335	49	**4,187**
Moped Driver	3	17	21	6	1	**48**
Motorcycle Driver	860	1,824	2,289	1,030	98	**6,101**
Motorcycle Passenger	210	313	444	197	19	**1,183**
Other	11,803	98	84	40	3	**12,028**
Total	**446,499**	**49,207**	**33,859**	**8,640**	**1,204**	**539,409**

*Includes Bus Passengers

Note: Refer to page 20 for definition of injuries.

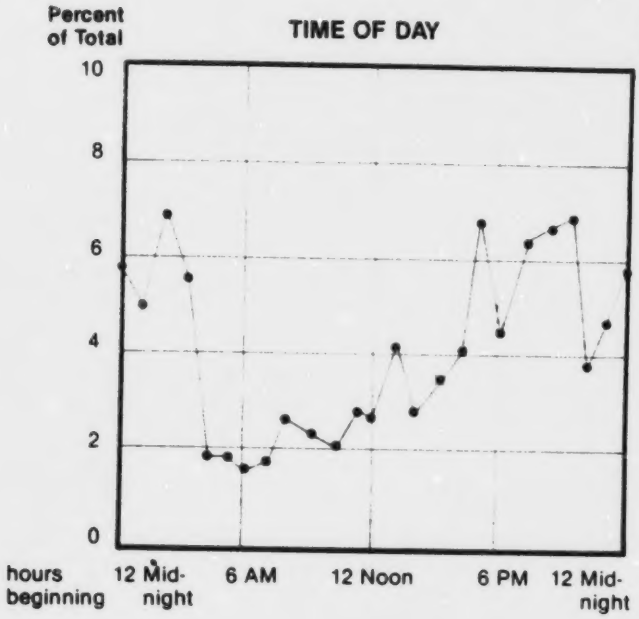
During 1984, 575,919 persons were involved in reportable motor vehicle accidents. 0.2% (1,132) were killed, 16.9% (97,230) were injured and 82.9% (477,557) were not injured. Out of the 97,230 persons injured, 55.0% (53,452) suffered minimal injuries, 35.9% (34,939) minor injuries and 9.1% (8,839) major injuries.

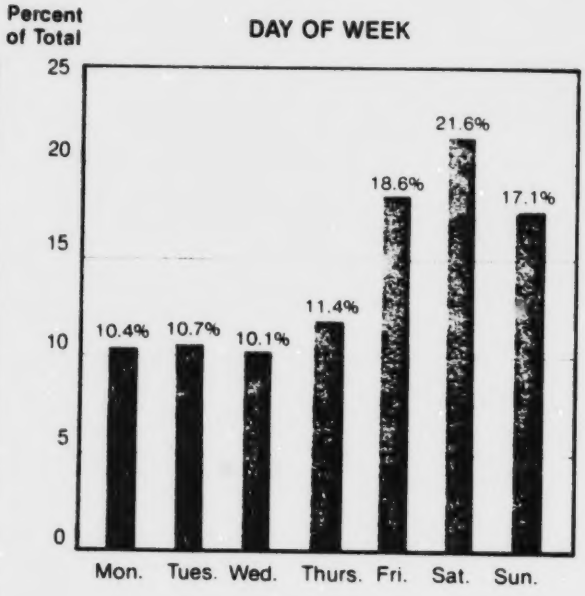
Licensed Drivers as Compared with Drivers Involved in Motor Vehicle Accidents — by Age 1983 - 1984

Drivers' Age	DRIVERS						% of Drivers of Each Age Involved in Accidents 1984		
	Licensed — 1984			Involved in Accidents — 1984					
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 16	–	–	–	292	73	365	–	–	–
16	18,352	10,822	29,174	3,188	1,169	4,357	17.4	10.8	14.9
17	41,513	28,831	70,344	5,785	2,020	7,805	13.9	7.0	11.1
18	52,757	38,365	91,122	7,595	2,490	10,085	14.4	6.5	11.1
19	63,008	46,716	109,724	9,094	2,829	11,923	14.4	6.1	10.9
20	72,004	54,381	126,385	9,597	2,803	12,400	13.3	5.2	9.8
21 - 24	311,727	251,364	563,091	35,912	11,406	47,318	11.5	4.5	8.4
25 - 34	742,586	653,974	1,396,560	61,858	23,585	85,443	8.3	3.6	6.1
35 - 44	626,653	528,768	1,155,421	41,395	17,378	58,773	6.6	3.3	5.1
45 - 54	465,622	340,585	806,207	27,377	9,533	36,910	5.9	2.8	4.6
55 - 64	397,697	273,574	671,271	19,635	6,302	25,937	4.9	2.3	3.9
65 - 74	229,453	145,278	374,731	8,766	3,205	11,971	3.8	2.2	3.2
75 & Over	81,630	38,251	119,881	3,280	940	4,220	4.0	2.5	3.5
Unknown	–	–	–	–	–	16,444	–	–	–
Total	**3,103,002**	**2,410,909**	**5,513,911**	**233,774**	**83,733**	**333,951**	**7.5**	**3.5**	**6.1**

Drivers' Age	DRIVERS						% of Drivers of Each Age Involved in Accidents 1983		
	Licensed — 1983			Involved in Accidents — 1983					
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 16	–	–	–	342	63	405	–	–	–
16	19,045	10,775	29,820	3,266	1,143	4,411	17.2	10.6	14.8
17	44,024	29,881	73,905	5,824	1,966	7,790	13.2	6.8	10.5
18	57,611	40,963	98,574	7,958	2,485	10,443	13.8	6.1	10.6
19	68,294	49,885	118,179	8,908	2,570	11,478	13.0	5.2	9.7
20	73,172	55,211	128,383	9,062	2,675	11,737	12.4	4.8	9.1
21 - 24	306,640	247,010	553,650	32,576	10,509	43,085	10.6	4.3	7.8
25 - 34	724,796	634,554	1,359,350	57,542	21,578	79,120	7.9	3.4	5.8
35 - 44	602,814	500,589	1,103,403	37,348	15,426	52,774	6.2	3.1	4.8
45 - 54	461,842	331,091	792,933	25,427	8,863	34,290	5.5	2.7	4.3
55 - 64	387,349	263,338	650,687	18,501	5,759	24,260	4.8	2.2	3.7
65 - 74	223,011	136,721	359,732	8,300	2,876	11,176	3.7	2.1	3.1
75 & Over	77,220	34,423	111,643	2,808	781	3,589	3.6	2.3	3.2
Unknown	–	–	–	–	–	14,697	–	–	–
Total	**3,045,818**	**2,334,441**	**5,380,259**	**217,864**	**76,694**	**309,255**	**7.2**	**3.3**	**5.7**

Persons Killed by Time of Day and Week 1984





PERSONS KILLED BY TIME OF DAY AND DAY OF WEEK — 1984									
Time	Total	%	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Sun.
12-01 A.M.	58	5.1	1	5	1	6	9	18	18
01-02 "	85	7.5	2	5	6	9	11	28	24
02-03 "	65	5.7	—	1	3	3	7	30	21
03-04 "	22	1.9	2	2	—	1	3	7	7
04-05 "	22	1.9	—	—	—	—	1	14	7
05-06 "	18	1.6	—	1	1	1	3	5	7
06-07 "	20	1.8	6	5	—	2	1	5	1
07-08 "	30	2.7	3	5	2	8	5	2	5
08-09 "	26	2.3	6	6	5	3	3	1	2
09-10 "	24	2.1	5	5	1	5	3	1	4
10-11 "	33	2.9	4	3	5	5	8	4	4
11-12 "	30	2.7	7	3	4	4	6	4	2
12-01 P.M.	47	4.2	8	4	7	5	5	11	7
01-02 "	32	2.8	4	4	2	7	1	7	7
02-03 "	41	3.6	3	5	4	7	8	6	8
03-04 "	46	4.1	10	6	8	3	6	6	7
04-05 "	80	7.1	10	15	10	9	13	9	14
05-06 "	51	4.5	7	5	8	5	10	11	5
06-07 "	72	6.4	11	9	11	8	13	9	11
07-08 "	76	6.7	7	13	13	11	10	15	7
08-09 "	78	6.9	8	6	7	3	26	19	9
09-10 "	44	3.9	7	4	2	3	13	8	7
10-11 "	55	4.8	4	5	7	8	16	7	8
11-12 "	67	5.9	3	4	5	11	28	15	1
Unknown	10	0.9	—	—	2	2	2	3	1
Total	**1,132**	**100.0**	**118**	**121**	**114**	**129**	**211**	**245**	**194**

Motor Vehicle Deaths by Month of Occurrence
1975 - 1984

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
January	139	71	74	61	113	108	93	68	73	65
February	85	76	74	73	75	98	86	37	62	41
March	114	86	89	64	97	92	102	72	66	59
April	77	96	82	92	108	86	88	68	82	78
May	136	129	121	111	110	135	137	96	110	90
June	148	147	150	146	155	143	126	102	132	115
July	200	166	165	176	137	182	173	137	131	128
August	203	191	162	164	187	164	158	132	138	137
September	189	144	121	159	153	171	127	114	126	123
October	181	126	141	156	140	112	120	123	100	113
November	169	126	124	132	126	123	126	100	95	89
December	159	153	117	116	159	94	109	89	89	94
Total	1,800	1,511	1,420	1,450	1,560	1,508	1,445	1,138	1,204	1,132

Motor Vehicle Injuries by Month of Occurrence
1975 - 1984

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
January	6,489	6,152	8,629	7,774	7,790	6,098	7,856	7,742	6,325	7,179
February	6,923	5,228	5,886	5,730	6,967	6,756	6,963	6,406	5,098	5,804
March	6,546	5,204	5,856	6,047	6,469	6,804	6,591	6,422	6,153	6,321
April	5,922	5,608	6,653	5,956	6,903	6,918	6,663	6,338	6,086	6,129
May	8,480	6,702	7,885	7,745	8,011	8,323	8,986	7,480	7,957	7,743
June	9,628	7,824	8,416	8,589	9,138	9,309	9,059	8,600	8,877	9,223
July	9,006	8,439	9,478	9,376	9,455	9,674	10,113	9,214	9,055	9,678
August	9,898	8,187	9,020	9,114	9,501	9,932	10,237	8,875	8,930	9,861
September	8,562	7,683	8,997	9,168	9,067	9,385	8,664	8,112	8,061	8,883
October	8,231	7,750	8,342	8,407	9,500	9,555	8,931	7,914	8,467	8,819
November	8,651	6,651	8,616	8,410	9,210	9,205	7,961	8,063	8,305	9,269
December	8,698	8,308	7,886	8,663	9,310	9,408	8,297	7,649	8,392	8,321
Total	97,034	83,736	95,664	94,979	101,321	101,367	100,321	92,815	91,706	97,230

Fatal Motor Vehicle Accidents and Fatalities/ Injuries on Long Weekends

LONG WEEKEND FATAL MOTOR VEHICLE ACCIDENTS — 1984
(From Friday 6 p.m. to Monday Midnight)

Weekend	No. of Fatal Accidents	Drivers		Passengers		Other Victims*		Total	
		Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Victoria Day	19	7	12	6	17	7	2	20	31
Canada Day	22	13	9	5	18	7	1	25	28
Civic Day	12	5	6	5	10	3	—	13	16
Labour Day	18	9	9	5	6	6	—	20	15
Thanksgiving Day	18	7	14	9	29	7	—	23	43

LONG WEEKEND FATAL MOTOR VEHICLE ACCIDENTS — 1983
(From Friday 6 p.m. to Monday Midnight)

Weekend	No. of Fatal Accidents	Drivers		Passengers		Other Victims*		Total	
		Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Victoria Day	14	7	2	7	7	5	2	19	11
Canada Day**	20	7	6	7	10	9	5	23	21
Civic Day	14	6	5	6	9	8	1	20	15
Labour Day	12	7	3	3	5	3	1	13	9
Thanksgiving Day	8	8	4	-	6	1	1	9	11

*Includes Motorcycle, Moped Drivers and Passengers; Pedestrians; Bicyclists
**Canada Day was on Friday (from Thursday 6 p.m. to Sunday Midnight).

MOTOR VEHICLE ACCIDENTS INVOLVING SCHOOL VEHICLES — SCHOOL YEARS 1974-75 — 1983-84

School Year	Pupils Transported Daily	Total Number of Accidents (1)	PUPIL FATALITIES/PERSONAL INJURIES								Injury Rate per 100,000 Pupils	
			Crossing Road (2)		Within School Vehicle		Other		Total			
			F.	P.I.	F.	P.I.	F.	P.I.	F.	P.I.	Fatal	Non Fatal
1974-75	578,817	622	4	19	2	205	—	28	6	252	1.1	45
1975-76	594,410	727	2	14	2	155	1	24	5	193	0.8	32
1976-77	600,082	793	—	10	—	247††	1	10	1	267	0.2	44
1977-78	601,583	866	1	19	—	259‡‡‡	2	18	3	296	0.5	49
1978-79	599,776	838	—	12	1	285‡	1	28	2	325	0.3	54
1979-80	601,813	765	—	12	1	250	3	48	4	310	0.7	52
1980-81	598,096	847	1	20	—	191	—	18	1	229	0.2	38
1981-82	597,331	861	1	15	—	238‡‡	—	14	1	267	0.2	45
1982-83	604,370	808	2	11	2	143	—	12	4	166	0.7	27
1983-84	**602,898**	**900**	**1**	**12**	**—**	**211**	**1**	**10**	**2**	**233**	**0.3**	**39**

MOTOR VEHICLE ACCIDENTS INVOLVING SCHOOL VEHICLES — SCHOOL YEARS 1982-83 — 1983-84

Type of School Vehicle	Nature of Accident				Total Number of Accidents (1)	PUPIL FATALITIES/PERSONAL INJURIES						Total	
						Crossing Road (2)		Within School Vehicle		Other			
	Fatal	Pupil Injury	Non Pupil Injury	Property Damage		Fatalities	Personal Injuries	Fatalities	Personal Injuries	Fatalities	Personal Injuries	Fatalities	Personal Injuries
1983-84 School Bus	4	54	129	519	**706**	1	10	—	174	—	7	1	**191**
Van	1	23	34	132	**190**	—	2	—	35	1	3	1	**40**
Station Wagon	—	1	—	3	**4**	—	—	—	2	—	—	—	**2**
Other Buses	—	—	—	—	**—**	—	—	—	—	—	—	—	**—**
Total	**5**	**78**	**163**	**654**	**900**	**1**	**12**	**—**	**211**	**1**	**10**	**2**	**233**
1982-83 School Bus	3	62	155	517	**737**	2	10	1	124	—	10	3	**144**
Van	2	9	14	34	**59**	—	1	1	18	—	1	1	**20**
Station Wagon	—	2	1	2	**5**	—	—	—	1	—	1	—	**2**
Other Buses	—	—	1	6	**7**	—	—	—	—	—	—	—	**—**
Total	**5**	**73**	**171**	**559**	**808**	**2**	**11**	**2**	**143**	**—**	**12**	**4**	**166**

(1) Accidents involving a school vehicle directly or indirectly while transporting pupils to or from school.

(2) Pupil struck by approaching vehicle (excluding school vehicle) while waiting to board school vehicle, crossing road to board or after leaving school vehicle.

†† Includes 7 separate accidents resulting in a total of 124 pupil injuries (48, 19, 13, 13, 11, 10, 10).

‡ Includes 6 separate accidents resulting in a total of 110 pupil injuries (30, 22, 19, 16, 13, 10).

‡‡ Includes 5 separate accidents resulting in a total of 105 pupil injuries (42, 20, 19, 13, 11).

‡‡‡ Includes 7 separate accidents resulting in a total of 156 pupil injuries (36, 35, 25, 18, 16, 14, 12).

Motor Vehicle Accidents by Type (Based on Initial Impact) 1975 - 1984

FATAL ACCIDENTS INVOLVING

Year	Single Motor Vehicle	Motor Vehicle And: Other Motor Vehicle/s	Pedestrian	Cyclist	Railway Train	Street Car	Tractor	Animal	Other†	Total
1975	480	651	273	64*	22	2	6	7	15	1,520
1976	376	567	228	46	28	2	2	1	15	1,265
1977	379	512	235	47	22	—	6	2	10	1,213
1978	378	526	263	49	28	—	6	2	11	1,263
1979	415	563	252	45	21	1	8	1	10	1,316
1980	463	521	247	30	17	—	5	4	9	1,296
1981	414	524	220	43	21	1	3	3	5	1,234
1982	359	402	162	42	17	1	3	—	11	997
1983	352	438	181	48	16	—	3	1	3	1,042
1984	361	399	170	50	14	—	4	3	10	1,011

PERSONAL INJURY ACCIDENTS INVOLVING

Year	Single Motor Vehicle	Motor Vehicle And: Other Motor Vehicle/s	Pedestrian	Cyclist	Railway Train	Street Car	Tractor	Animal	Other†	Total
1975	17,274	36,914	6,570	4,218*	125	131	101	265	213	65,811
1976	14,700	32,682	6,502	3,432	116	84	76	192	244	58,028
1977	16,155	37,530	6,243	3,182	98	108	82	211	178	63,787
1978	16,093	37,406	5,614	2,881	94	82	85	229	180	62,664
1979	18,063	39,613	5,726	3,128	106	111	96	186	172	67,201
1980	18,382	39,296	5,822	3,284	93	89	82	230	113	67,391
1981	17,920	39,693	5,681	3,351	95	95	68	275	114	67,292
1982	16,447	36,767	5,430	3,730	78	95	70	267	72	62,956
1983	16,805	36,408	5,076	3,852	88	75	72	279	80	62,735
1984	16,618	39,493	5,242	4,143	61	77	69	301	97	66,101

ALL MOTOR VEHICLE ACCIDENTS INVOLVING

Year	Single Motor Vehicle	Motor Vehicle And: Other Motor Vehicle/s	Pedestrian	Cyclist	Railway Train	Street Car	Tractor	Animal	Other†	Total
1975	48,283	150,252	6,860	4,328*	328	536	306	2,159	637	213,689
1976	44,422	153,559	6,739	3,497	321	455	316	1,792	764	211,865
1977	44,457	160,866	6,482	3,271	275	462	294	1,879	581	218,567
1978	40,332	134,590	5,881	2,969	237	311	234	1,361	448	188,363
1979	45,763	139,539	5,978	3,198	257	335	240	1,460	426	197,196
1980	47,417	136,754	6,072	3,355	228	352	243	1,761	319	196,501
1981	46,347	139,439	5,904	3,451	238	386	184	2,109	314	198,372
1982	42,784	132,431	5,596	3,832	197	412	246	2,129	316	187,943
1983	43,758	125,474	5,263	3,968	204	382	199	2,486	267	181,999
1984	43,929	136,974	5,422	4,255	173	376	226	3,097	330	194,782

* Includes Moped Driver.

† Includes Horse Drawn Vehicles

Type and Condition of Vehicles Involved in All Accidents 1984

TYPE OF VEHICLE INVOLVED IN ALL ACCIDENTS — 1984

Type of Vehicle	In All Accidents	In Fatal	In Personal Injury	In Property Damage
Passenger Car	271,721	1,071	89,899	180,751
Passenger Car & Trailer	647	4	182	461
Truck	49,528	276	14,527	34,725
Truck & Trailer	911	1	233	677
Tractor & Semi-trailer	6,231	96	1,753	4,382
Motorcycle	6,553	144	5,578	831
Bus	2,514	5	898	1,611
School Bus/Vehicles	1,100	2	304	794
Other Motor Vehicles/Unknown	13,342	14	2,489	10,839
Non Motor Vehicle	5,816	76	4,720	1,020
Total	**358,363**	**1,689**	**120,583**	**236,091**

TYPE AND CONDITION OF VEHICLES INVOLVED — ALL ACCIDENTS — 1984

Condition	Passenger Car	Passenger Car & Trailer	Truck	Truck & Trailer	Tractor Semi-Trailer	Motorcycle	Bus	School Bus/ Vehicles	Other Motor Vehicle/Unknown	Non Motor Vehicle	Total
No Apparent Defect	261,173	562	46,407	760	5,474	6,148	2,456	1,065	906	5,045	329,996
Service Brakes Defective	762	2	316	6	101	30	9	2	—	133	1,361
Steering Defective	189	—	69	3	14	16	—	1	—	5	297
Tire Puncture or Blow Out	636	14	174	15	56	35	1	1	6	2	940
Tire Tread Insufficient	508	1	155	2	9	61	—	—	1	4	741
Headlamps Defective	82	1	34	—	6	13	—	—	4	64	204
Other Lamps or Reflectors Defective	217	10	149	9	20	7	1	1	12	41	467
Engine Controls Defective	468	1	98	1	16	15	1	3	—	2	605
Wheels or Suspension Defective	168	5	105	16	55	17	—	1	3	2	372
Vision Obscured	152	2	39	—	4	3	—	2	1	4	207
Trailer Hitch Defective	—	17	—	29	45	—	—	—	—	—	91
Other Defects	1,182	25	547	48	151	54	8	7	44	128	2,194
Not Known	6,184	7	1,435	22	280	154	38	17	12,365	386	20,888
Total	**271,721**	**647**	**49,528**	**911**	**6,231**	**6,553**	**2,514**	**1,100**	**13,342**	**5,816**	**358,363**

TYPE OF VEHICLE INVOLVED IN ALL ACCIDENTS 1983-1984

CLASS OF DRIVER LICENCE REQUIRED		TYPE OF VEHICLE	1983				1984			
			FATAL	PERSONAL INJURY	PROPERTY DAMAGE	TOTAL	FATAL	PERSONAL INJURY	PROPERTY DAMAGE	TOTAL
PASSENGER VEHICLES	G	Passenger car/station wagon	1,035	82,821	165,303	**249,159**	1,054	88,318	177,623	**266,995**
	G	Taxi/limousine	—	157	264	**421**	2	231	384	**617**
	G	Hearse	—	—	2	**2**	—	1	6	**7**
	G	Dune buggy	—	6	1	**7**	—	5	1	**6**
	F	Ambulance	1	28	54	**83**	—	43	73	**116**
	G	Fire department vehicle	—	21	38	**59**	—	11	35	**46**
	G	Police force vehicle	3	130	150	**283**	4	131	145	**280**
	G	Public utility emergency vehicle	—	—	1	**1**	—	2	2	**4**
	G	Passenger van	12	572	1,423	**2,007**	8	973	2,169	**3,150**
	G	Other passenger vehicle	3	170	314	**487**	3	184	313	**500**
PASSENGER VEHICLES AND TRAILERS	G	P.V. and house trailer	—	17	24	**41**	—	12	41	**53**
	G	P.V. and boat trailer	2	22	59	**83**	1	29	64	**94**
	G	P.V. and tent trailer	—	6	23	**29**	1	14	28	**43**
	G	P.V. and utility trailer	1	20	47	**68**	—	27	66	**93**
	G	P.V. and other trailer	4	86	227	**317**	—	89	229	**318**
	G	Other p.v. and trailer	—	46	84	**130**	2	11	33	**46**
TRUCKS	D	Truck with concrete mixer	1	20	48	**69**	—	10	36	**46**
	D	Truck with stake or platform body	11	174	430	**615**	3	188	462	**653**
	D	Truck with tank body	2	44	117	**163**	1	44	114	**159**
	D	Truck with dump body	22	368	993	**1,383**	13	409	1,126	**1,548**
	G	Tow truck	2	80	189	**271**	3	86	227	**316**
	D	Tractor not pulling a trailer	—	36	57	**93**	3	45	113	**161**
	G	Pick-up truck	170	7,813	18,149	**26,132**	173	8,552	19,675	**28,400**
	G	Delivery van	53	3,927	9,339	**13,319**	63	4,228	9,951	**14,242**
	G	Pick-up camper	—	6	27	**33**	—	1	6	**7**
	D	Fire truck	—	—	9	**9**	—	8	33	**41**
	D	Other truck	9	358	1,094	**1,461**	13	479	1,589	**2,081**
	G	Other truck	8	330	849	**1,187**	2	471	1,349	**1,822**
	D	Tow truck	—	18	36	**54**	2	6	44	**52**
	G	Pick-up and recreation trailer	—	5	21	**26**	—	8	22	**30**
	G	Pick-up and recreation semi-trailer	—	4	13	**17**	—	4	4	**8**
	G	Pick-up and other semi-trailer	3	103	273	**379**	1	124	349	**474**
TRUCK AND TRAILER	D	Truck/trailer-dump	1	5	19	**25**	—	5	11	**16**
	D	Truck/trailer-frame	—	4	1	**5**	—	—	1	**1**
	D	Truck/trailer-tank	1	—	5	**6**	—	1	2	**3**
	D	Truck/trailer-stake or platform body	—	11	26	**37**	—	8	25	**33**
	D	Truck/trailer-van	—	1	5	**6**	—	—	—	—
	D	Truck and pole trailer	—	1	1	**2**	—	1	—	**1**
	G	Tow truck hauling a disabled vehicle	—	22	61	**83**	—	33	106	**139**
	D	Other truck/trailer	—	10	19	**29**	—	6	19	**25**

TYPE OF VEHICLE INVOLVED IN ALL ACCIDENTS 1983-1984

CLASS OF DRIVER LICENCE REQUIRED		TYPE OF VEHICLE	1983				1984			
			FATAL	PERSONAL INJURY	PROPERTY DAMAGE	TOTAL	FATAL	PERSONAL INJURY	PROPERTY DAMAGE	TOTAL
TRACTOR AND SEMI-TRAILERS	G	Other truck/trailer	1	6	25	**32**	—	3	21	**24**
	A	Other truck/trailer	—	21	51	**72**	—	37	108	**145**
	D	Tow truck hauling a disabled vehicle	—	3	5	**8**	—	3	9	**12**
	A	Tractor/semi-trailer-dump	—	51	101	**152**	4	51	92	**147**
	A	Tractor/semi-trailer-frame	3	15	31	**49**	1	8	26	**35**
	A	Tractor/semi-trailer-tank	2	38	87	**127**	1	44	96	**141**
	A	Tractor/semi-trailer-stake or platform	2	49	106	**157**	4	46	74	**124**
	A	Tractor/semi-trailer-van	3	86	170	**259**	6	81	155	**242**
	A	Tractor/semi-trailer-concrete mixer	—	—	5	**5**	1	1	4	**6**
	A	Tractor/semi-trailer float	—	60	132	**192**	7	65	162	**234**
	A	Tractor/semi-trailer-car transport	—	4	9	**13**	1	3	4	**8**
	A	Tractor/semi-trailer-other	113	1,222	2,953	**4,288**	62	1,368	3,614	**5,044**
	A	Tractor/semi-trailer and pup-dump	—	9	15	**24**	1	4	22	**27**
	A	Tractor/semi-trailer and pup-frame	—	2	3	**5**	—	1	1	**2**
	A	Tractor/semi-trailer and pup-tank	1	2	8	**11**	1	9	11	**21**
	A	Tractor/semi-trailer and pup-stake or platform	—	6	10	**16**	—	5	7	**12**
	A	Tractor/semi-trailer and pup-van	1	5	7	**13**	1	5	4	**10**
	A	Tractor/semi-trailer and pup-other	—	32	49	**81**	4	46	75	**125**
	A	Tractor/semi-trailer and semi-trailer-tank	—	2	4	**6**	—	1	4	**5**
	A	Tractor semi-trailer/semi-trailer stake or platform	—	2	1	**3**	1	2	3	**6**
	A	Tractor/semi-trailer and semi-trailer-van	1	—	1	**2**	—	1	—	**1**
	A	Tractor/semi-trailer and semi-trailer-other	7	16	24	**47**	1	12	28	**41**
BUS	C	Transit - intercity	1	143	334	**478**	1	77	162	**240**
	C	Transit - urban	4	667	1,161	**1,832**	4	788	1,374	**2,166**
	F	Coach - intercity	—	15	34	**49**	—	17	34	**51**
	F	Coach - urban	—	13	24	**37**	—	16	41	**57**
SCHOOL VEHICLES	E	School bus or school van-seating capacity 10-23	1	52	100	**153**	—	61	102	**163**
	B	School bus — seating capacity 24 or over	2	182	423	**607**	2	198	591	**791**
	G	School van — seating capacity under 10	—	4	10	**14**	—	12	22	**34**
	G	Station wagon	—	—	2	**2**	—	—	—	**—**
	C	Other bus	1	26	80	**107**	—	33	79	**112**
OTHER MOTOR VEHICLES	G	Motor home	—	30	84	**114**	3	42	92	**137**
	M	Motorcycle	124	5,379	675	**6,178**	144	5,578	831	**6,553**
	G	Moped	1	61	1	**63**	1	72	3	**76**
	G	Snowmobile	1	63	38	**102**	5	68	42	**115**
NON-MOTOR VEHICLES		Farm tractor	4	93	152	**249**	4	88	185	**277**
		Tractor or construction equipment	2	52	201	**255**	1	59	245	**305**
		Train	16	89	104	**209**	15	64	101	**180**
		Street car	—	98	338	**436**	—	94	328	**422**
		Bicycle	51	4,059	80	**4,190**	50	4,318	80	**4,448**
		Snow Plow	—	3	21	**24**	—	7	17	**24**
		Go-cart	—	2	—	**2**	1	2	—	**3**
		Horse and buggy	—	5	4	**9**	—	9	5	**14**
		Other	1	7	26	**34**	—	11	17	**28**
		Unknown	8	2,206	9,940	**12,154**	10	2,375	10,744	**13,129**
		Total	**1,695**	**112,322**	**217,424**	**331,441**	**1,689**	**120,583**	**236,091**	**358,363**

Motor Vehicle Accidents by Place of Occurrence
1975 – 1984

FATAL ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1975	487	143	537	353	1,520
1976	366	89	467	343	1,265
1977	389	70	415	339	1,213
1978	433	95	418	317	1,263
1979	457	99	434	326	1,316
1980	460	92	444	300	1,296
1981	422	91	432	289	1,234
1982	326	72	310	289	997
1983	295	100	314	333	1,042
1984	**310**	**77**	**326**	**298**	**1,011**

PERSONAL INJURY ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1975	32,923	3,955	10,085	18,848	65,811
1976	29,243	3,037	8,412	17,336	58,028
1977	34,540	3,652	9,364	16,231	63,787
1978	41,207	4,071	8,779	8,607	62,664
1979	44,078	4,353	9,246	9,524	67,201
1980	44,397	4,159	8,853	9,982	67,391
1981	43,731	4,604	8,648	10,309	67,292
1982	40,820	4,567	7,731	9,838	62,956
1983	39,597	4,373	7,695	11,070	62,735
1984	**44,669**	**5,215**	**8,060**	**8,157**	**66,101**

ALL MOTOR VEHICLE ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1975	112,358	12,693	28,465	60,173	213,689
1976	113,199	11,165	26,028	61,473	211,865
1977	127,764	12,470	26,570	51,763	218,567
1978	128,595	11,963	22,339	23,466	186,363**
1979	135,980	13,114	23,082	25,020	197,196
1980	135,533	12,452	22,216	26,300	196,501
1981	135,325	13,764	21,801	27,482	198,372
1982	126,888	13,462	19,784	27,809	187,943
1983	119,248	13,113	19,572	30,006	181,999
1984	**136,432**	**15,265**	**20,842**	**22,243**	**194,782**

* Includes Secondary Highways.

* * Minimum reportable property damage amount changed from over $200 to over $400 on January 1, 1978.

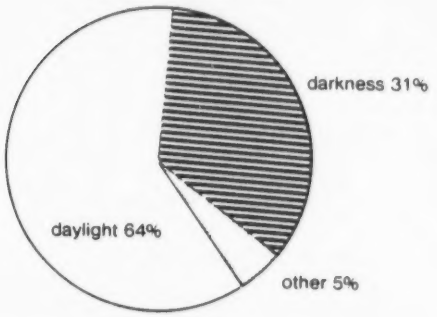
Type of Accidents — 1983 - 1984

ACCIDENT INVOLVING MOTOR VEHICLE AND	CLASS OF ACCIDENTS — 1984			
	FATAL	PERSONAL INJURY	PROPERTY DAMAGE ONLY	TOTAL
Other Motor Vehicle/s	399	39,493	97,082	136,974
Pedestrian	170	5,242	10	5,422
Cyclist	50	4,143	62	4,255
Railway Train	14	61	98	173
Street Car	—	77	299	376
Farm Tractor	4	69	153	226
Animal	3	301	2,793	3,097
Other Moveable Object	10	97	223	330
Restraining Barrier	24	1,401	4,264	5,689
Rigid Pole	31	1,771	3,171	4,973
Breakaway Pole	6	412	1,058	1,476
Tree	33	1,154	1,585	2,772
Post	33	646	1,928	2,607
Fence	1	385	1,040	1,426
Culvert	14	416	315	745
Bridge Support	16	155	266	437
Rock Face	21	346	467	834
Snow Bank or Drift	5	361	870	1,236
Ditch	81	4,363	4,406	8,850
Curb	27	1,018	1,673	2,718
Crash Cushion	—	28	69	97
Building or Wall	3	167	421	591
Other Fixed Object	21	1,165	2,326	3,512
Fire/Explosion	—	32	670	702
Submersion	—	8	14	22
Rollover	36	1,517	955	2,508
Other Non-Collision Event	9	1,273	1,452	2,734
Total	**1,011**	**66,101**	**127,670**	**194,782**

ACCIDENT INVOLVING MOTOR VEHICLE AND	CLASS OF ACCIDENTS — 1983			
	FATAL	PERSONAL INJURY	PROPERTY DAMAGE ONLY	TOTAL
Other Motor Vehicle/s	438	36,408	88,628	125,474
Pedestrian	181	5,076	6	5,263
Cyclist	48	3,852	88	3,988
Railway Train	16	88	100	204
Street Car	—	75	307	382
Farm Tractor	3	72	124	199
Animal	1	279	2,206	2,486
Other Moveable Object	3	80	184	267
Restraining Barrier	24	1,411	4,369	5,804
Rigid Pole	28	1,971	3,427	5,426
Breakaway Pole	6	461	1,050	1,517
Tree	39	1,349	1,706	3,094
Post	19	644	1,892	2,555
Fence	6	449	1,165	1,620
Culvert	18	459	347	824
Bridge Support	10	171	269	450
Rock Face	19	422	529	970
Snow Bank or Drift	1	134	354	489
Ditch	94	4,160	4,319	8,573
Curb	22	1,057	1,594	2,673
Crash Cushion	1	22	57	80
Building or Wall	2	191	442	635
Other Fixed Object	22	1,084	2,103	3,209
Fire/Explosion	—	23	610	633
Submersion	—	4	10	14
Rollover	32	1,585	949	2,566
Other Non-Collision Event	9	1,228	1,407	2,644
Total	**1,042**	**62,735**	**118,222**	**181,999**

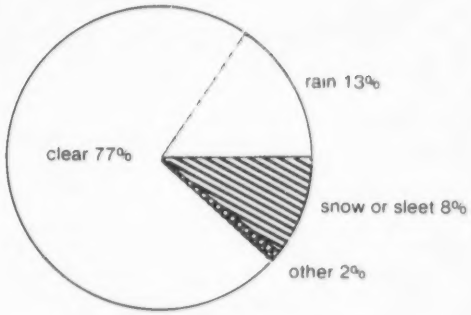
All Accidents — 1984 — Light Condition, Visibility and Road Location

Light Condition



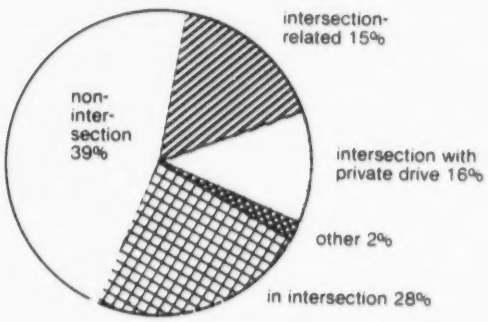
Light Condition	Total	Fatal	Personal Injury	Property Damage
Daylight	**124,462**	449	41,974	82,039
Dawn	**2,463**	12	829	1,622
Dusk	**6,892**	34	2,334	4,524
Darkness	**60,965**	516	20,964	39,485
Total	**194,782**	**1,011**	**66,101**	**127,670**

Visibility



Visibility	Total	Fatal	Personal Injury	Property Damage
Clear	**149,301**	814	51,729	96,758
Rain	**25,054**	92	8,543	16,419
Snow or Sleet	**15,526**	54	4,025	11,447
Fog, Mist, Smoke or Dust	**4,901**	51	1,804	3,046
Total	**194,782**	**1,011**	**66,101**	**127,670**

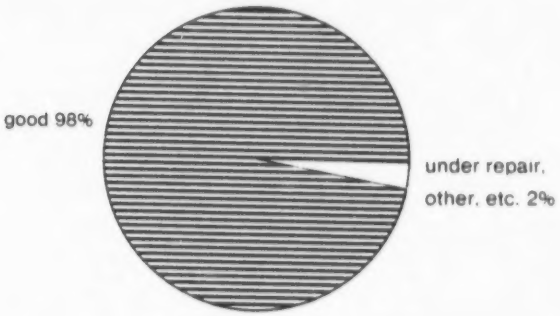
Road Location



Road Location	Total	Fatal	Personal Injury	Property Damage
Non-Intersection	**76,408**	596	25,590	50,222
Intersection Related	**28,907**	60	10,061	18,786
In Intersection	**54,659**	195	20,512	33,952
At/Near Private Drive	**31,633**	112	8,801	22,720
At Railway Crossing	**617**	16	214	387
Underpass or Tunnel	**441**	10	149	282
Overpass or Bridge	**1,958**	22	715	1,221
Other	**159**	—	59	100
Total	**194,782**	**1,011**	**66,101**	**127,670**

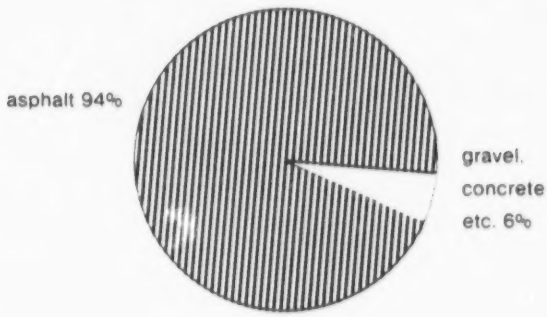
All Accidents — 1984 — Road Condition, Road Type and Road Surface Condition

Road Condition



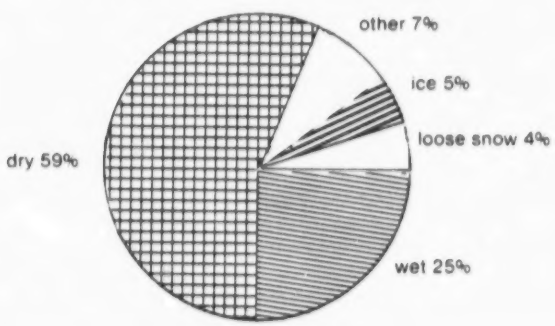
Road Condition	Total	Fatal	Personal Injury	Property Damage
Good	**190,240**	988	64,626	124,626
Under Repair	**961**	9	322	630
Under Const.	**1,941**	6	623	1,312
Other	**1,640**	8	530	1,102
Total	**194,782**	**1,011**	**66,101**	**127,670**

Road Type



Road Type	Total	Fatal	Personal Injury	Property Damage
Asphalt	**183,698**	927	62,211	120,560
Gravel or Crushed Stone	**7,377**	67	2,599	4,711
Concrete	**2,882**	7	1,011	1,864
Earth	**515**	4	174	337
Other	**310**	6	106	198
Total	**194,782**	**1,011**	**66,101**	**127,670**

Road Surface Condition



Road Surface Condition	Total	Fatal	Personal Injury	Property Damage
Dry	**115,052**	712	42,043	72,297
Wet	**48,264**	187	16,266	31,811
Loose Snow	**8,360**	25	2,043	6,792
Slush	**5,087**	22	1,262	3,803
Packed Snow	**6,542**	18	1,413	5,111
Ice	**9,611**	39	2,547	7,025
Mud	**107**	—	27	80
Loose Sand or Gravel	**1,259**	8	500	751
Total	**194,782**	**1,011**	**66,101**	**127,670**

Statistics Relating to Motor Vehicle Accidents By Counties, Districts, Regional Municipalities, Ontario Cities, Towns and Villages — 1984

Motor Vehicle Accidents by Counties, Districts and Regional Municipalities — 1984

County, District or Regional Municipality	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Algoma	3,034	25	946	2,063	25	1,392
Brant	2,275	13	728	1,534	18	1,048
Bruce	1,059	8	401	650	10	690
Cochrane	1,974	7	633	1,334	8	893
Dufferin	374	4	115	255	7	200
Dundas	760	8	264	488	9	423
Durham	6,008	34	2,231	3,743	36	3,503
Elgin	1,213	19	378	816	22	594
Essex	7,219	31	2,684	4,504	35	3,906
Frontenac	2,520	9	850	1,661	10	1,270
Glengarry	524	5	179	340	5	303
Grenville	512	4	176	332	6	283
Grey	1,415	17	487	911	19	767
Haldimand-Norfolk	1,784	23	670	1,091	29	1,096
Haliburton	389	4	143	242	4	217
Halton	5,859	30	1,842	3,387	40	2,725
Hamilton-Wentworth	8,421	36	3,158	5,227	38	4,618
Hastings	2,283	22	761	1,500	28	1,211
Huron	987	15	311	661	19	514
Kenora	1,335	11	399	925	13	606
Kent	2,143	16	822	1,305	20	1,200
Lambton	2,629	12	886	1,731	12	1,255
Lanark	1,015	12	326	677	12	466
Leeds	1,214	9	435	770	9	658
Lennox & Addington	673	9	223	441	10	334
Manitoulin	246	4	73	169	4	114
Middlesex	7,006	38	2,612	4,356	43	3,790
Muskoka	1,170	24	387	759	25	624
Niagara	8,134	50	2,696	5,388	54	3,945
Nipissing	1,620	13	570	1,037	13	822
Northumberland	1,449	14	534	901	15	797
Ottawa-Carleton	15,335	61	4,143	11,131	68	5,650
Oxford	1,812	9	607	1,196	9	890
Parry Sound	951	8	315	628	11	498
Peel	11,073	44	3,862	7,167	47	5,767
Perth	1,282	8	392	882	8	558
Peterborough	2,284	15	866	1,403	15	1,309
Prescott	592	1	201	390	1	318
Prince Edward	387	3	121	263	3	180
Rainy River	586	6	155	425	6	217
Renfrew	1,622	20	526	1,076	25	792
Russell	403	5	146	252	6	215
Simcoe	5,346	38	1,813	3,495	40	2,851
Stormont	1,456	4	467	985	4	705
Sudbury	3,673	37	1,364	2,272	40	2,081
Thunder Bay	4,913	27	1,435	3,451	30	2,117
Timiskaming	857	5	259	593	6	398
Victoria	1,059	11	366	682	12	590
Waterloo	6,789	25	2,227	4,537	26	3,137
Wellington	2,812	21	958	1,833	28	1,523
*York	54,906	137	18,958	35,811	149	27,170
Total	**194,782**	**1,011**	**66,101**	**127,670**	**1,132**	**97,230**

*Includes Metropolitan Toronto

Motor Vehicle Accidents in Ontario Cities, Towns and Villages — 1984

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Ailsa Craig	6	-	4	2	-	5
Ajax	359	1	133	225	2	192
Alexandria	97	-	19	78	-	22
Alliston	90	-	21	69	-	31
Almonte	29	1	9	19	1	16
Alvinston	6	-	1	5	-	2
Amherstburg	102	-	30	72	-	40
Ancaster	182	1	53	128	1	73
Angus	14	-	6	8	-	7
Apple Hill	1	-	1	-	-	1
Arnprior	62	-	18	44	-	20
Arthur	11	-	2	9	-	3
Athens	11	-	1	10	-	1
Atikokan	7	-	-	7	-	-
Aurora	320	1	101	218	2	149
Aylmer	75	-	15	60	-	21
Ayton	6	-	2	4	-	2
Balmertown	6	-	4	2	-	6
Bancroft	48	-	12	36	-	18
Barrie	944	3	269	672	3	357
Barry's Bay	27	-	6	21	-	6
Bath	3	-	1	2	-	2
Bayfield	6	-	1	5	-	1
Beachburg	1	-	1	-	-	1
Beeton	15	-	3	12	-	4
Belle River	34	-	12	22	-	14
Belleville	722	3	167	552	5	217
Belmont	2	1	1	-	1	1
Blenheim	48	-	13	35	-	19
Blind River	42	-	15	27	-	19
Bloomfield	7	-	-	7	-	-
Blyth	4	-	-	4	-	-
Bobcaygeon	16	-	3	13	-	3
Bothwell	10	-	4	6	-	7
Bracebridge	100	-	31	69	-	46
Bradford	120	-	29	91	-	38
Braeside	2	-	-	2	-	-
Brampton	2,475	9	841	1,625	9	1,247
Brantford	1,440	2	423	1,015	2	574
Brighton	29	-	13	16	-	17
Brockville	409	1	114	294	1	149
Bruce Mines	2	-	1	1	-	1
Brussels	8	-	1	7	-	1
Burford	2	-	1	1	-	1
Burk's Falls	2	-	-	2	-	-
Burlington	1,517	5	578	934	5	801
Cache Bay	4	-	2	2	-	2
Caledon	572	6	228	338	6	350

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Cambridge	1,423	3	468	952	3	635
Campbellford	46	-	12	34	-	13
Capreol	23	-	8	15	-	8
Carleton Place	110	-	31	79	-	39
Casselman	19	1	4	14	1	4
Chalk River	2	-	1	1	-	1
Chatham	873	4	321	548	4	426
Chatsworth	3	-	1	2	-	1
Chesley	7	-	2	5	-	2
Chesterville	25	-	3	22	-	7
Clifford	8	-	1	7	-	1
Clinton	45	-	12	33	-	14
Cobalt	20	-	5	15	-	7
Cobden	1	-	-	1	-	-
Cobourg	263	1	95	167	1	127
Cochrane	65	-	14	51	-	14
Colborne	12	-	5	7	-	6
Coldwater	4	-	1	3	-	1
Collingwood	220	1	59	160	1	81
Cookstown	10	-	2	8	-	2
Cornwall	1,110	1	331	778	1	479
Cottam	1	-	-	1	-	-
Creemore	15	-	6	9	-	8
Deep River	12	-	5	7	-	6
Delaware	1	-	-	1	-	-
Deseronto	9	-	3	6	-	3
Dorchester	5	-	-	5	-	-
Drayton	11	-	1	10	-	2
Dresden	32	-	10	22	-	13
Dryden	126	2	29	95	2	44
Dundalk	16	1	5	10	1	6
Dundas	260	-	98	162	-	138
Dunnville	144	4	43	97	6	69
Durham	24	-	1	23	-	1
Dutton	2	-	-	2	-	-
East Gwillimbury	84	2	35	47	2	59
Eden Mills	1	-	-	1	-	-
Eganville	32	-	4	28	-	5
Elliot Lake	219	3	57	159	3	79
Elmvale	20	-	4	16	-	4
Elora	40	-	13	27	-	15
Embrun	6	-	1	5	-	1
Englehart	8	-	2	6	-	5
Erieau	4	-	2	2	-	5
Erin	18	1	4	13	1	5
Espanola	50	-	16	34	-	22
Essex	57	-	11	46	-	15
Exeter	63	-	16	47	-	25

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Fenelon Falls	43	-	11	32	-	13
Fergus	84	-	19	65	-	30
Finch	1	-	-	1	-	-
Flesherton	10	-	2	8	-	2
Foleyet	4	-	1	3	-	1
Forest	16	-	3	13	-	5
Fort Erie	446	3	152	291	3	225
Fort Frances	197	1	57	139	1	79
Frankford	13	-	5	8	-	6
Gananoque	81	-	33	48	-	40
Geraldton	27	-	9	18	-	13
Glencoe	18	-	4	14	-	6
Gloucester	895	6	273	616	6	386
Goderich	133	1	35	97	1	42
Gore Bay	5	-	2	3	-	2
Gorrie	1	-	-	1	-	-
Grand Bend	26	-	10	16	-	10
Grand Valley	7	1	3	3	1	4
Gravenhurst	99	-	29	70	-	33
Grimsby	240	-	93	147	-	132
Guelph	1,102	4	401	697	4	576
Haileybury	46	1	12	33	2	15
Haldimand	120	1	46	73	1	70
Halton Hills	573	4	158	411	4	212
Hamilton	5,804	15	2,193	3,596	15	3,098
Hanover	95	-	28	67	-	44
Harriston	18	-	4	14	-	6
Harrow	39	-	12	27	-	14
Hastings	2	-	-	2	-	-
Havelock	11	-	4	7	-	6
Hawkesbury	177	-	39	138	-	61
Hawkestone	1	-	1	-	-	1
Hearst	56	1	13	42	1	21
Hensall	10	-	1	9	-	1
Hepworth	2	-	2	-	-	2
Highgate	3	-	2	1	-	2
Hillsburgh	7	-	3	4	-	4
Hillsdale	1	-	-	1	-	-
Huntsville	105	1	29	75	1	38
Ingersoll	137	-	40	97	-	48
Iron Bridge	1	-	-	1	-	-
Iroquois	3	-	-	3	-	-
Iroquois Falls	79	-	17	62	-	21
Kanata	287	1	85	201	1	125
Kapuskasing	156	-	63	93	-	78
Keewatin	35	-	14	21	-	18
Kemptville	24	-	5	19	-	5
Kenora	207	-	62	145	-	85

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Killaloe Station	1	-	1	-	-	1
Kincardine	58	-	16	42	-	22
Kingston	1,307	-	410	897	-	548
Kingsville	43	-	13	30	-	18
Kirkland Lake	177	1	33	143	1	41
Kitchener	2,830	9	915	1,906	9	1,261
Komoka	1	-	-	1	-	-
Lakefield	43	-	11	32	-	14
Lanark	6	-	-	6	-	-
Lancaster	10	-	2	8	-	3
Leamington	284	1	68	215	1	83
Lincoln	195	2	82	111	3	116
Lindsay	221	-	62	159	-	94
Lions Head	1	-	-	1	-	-
Listowel	99	-	26	73	-	38
Little Current	9	-	2	7	-	2
London	5,416	11	1,992	3,413	11	2,794
Longlac	23	-	9	14	-	11
L'Orignal	11	-	3	8	-	4
Lucan	14	-	3	11	-	7
Lucknow	6	-	2	4	-	2
Madoc	12	-	2	10	-	2
Magnetawan	3	-	-	3	-	-
Markdale	15	-	4	11	-	4
Markham	1,019	6	307	706	7	435
Marmora	19	-	5	14	-	9
Massey	3	-	1	2	-	2
Mattawa	16	-	9	7	-	12
Maxville	9	-	-	9	-	-
Meaford	52	-	11	41	-	17
Merlin	5	-	1	4	-	1
Merrickville	8	-	1	7	-	1
Metropolitan Toronto	43,009	80	14,706	28,223	86	20,442
East York	1,265	1	430	834	1	587
Etobicoke	4,758	10	1,743	3,005	12	2,459
North York	10,339	16	3,760	6,563	17	5,435
Scarborough	6,917	20	2,426	4,471	22	3,485
Toronto	17,780	27	5,674	12,079	28	7,514
York	1,950	6	673	1,271	6	962
Midland	191	-	73	118	-	111
Mildmay	8	-	4	4	-	5
Millbrook	12	-	3	9	-	4
Milton	545	6	192	347	11	279
Milverton	12	-	1	11	-	3
Mississauga	5,422	14	1,837	3,571	14	2632
Mitchell	49	-	5	44	-	9
Moorefield	1	-	-	1	-	-
Morrisburg	18	-	2	16	-	2

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Mount Forest	62	1	7	54	1	10
Nanticoke	284	2	91	191	4	141
Napanee	100	-	42	58	-	61
Nepean	1,223	3	357	863	3	491
Neustadt	4	-	2	2	-	2
Newburgh	1	-	1	-	-	1
Newbury	1	-	-	1	-	-
Newcastle	439	6	154	279	6	232
New Liskeard	83	-	20	63	-	30
Newmarket	356	2	105	249	2	166
Niagara-on-the-Lake	208	3	79	126	3	128
Niagara Falls	1,528	12	531	985	13	736
Nickel Centre	77	2	31	44	2	45
North Bay	754	4	247	503	4	342
Norwood	11	-	3	8	-	4
Nottawa	2	-	1	1	-	1
Oakville	1,223	4	413	806	6	595
Oil Springs	5	-	3	2	-	3
Omemee	7	-	2	5	-	4
Onaping Falls	25	-	8	17	-	9
Orangeville	255	-	78	177	-	110
Orillia	390	1	114	275	1	172
Oshawa	2,234	4	806	1,424	4	1,148
Ottawa	9,254	18	2,337	6,899	20	3,003
Owen Sound	278	1	85	192	2	108
Paisley	4	-	1	3	-	1
Palmerston	26	-	7	19	-	8
Paris	81	-	25	56	-	35
Parkhill	12	-	4	8	-	7
Parry Sound	88	-	30	58	-	43
Pelham	156	-	55	101	-	81
Pembroke	266	1	68	197	1	92
Penetanguishene	67	-	8	59	-	12
Perth	121	-	34	87	-	39
Petawawa	38	-	9	29	-	19
Peterborough	1,240	3	442	795	3	587
Petrolia	56	-	7	49	-	10
Pickering	449	4	165	280	4	244
Picton	69	-	16	53	-	21
Plantagenet	9	-	2	7	-	2
Point Edward	32	-	10	22	-	11
Port Burwell	7	-	1	6	-	1
Port Colborne	295	2	86	207	2	119
Port Elgin	82	-	23	59	-	31
Port Hope	105	-	38	67	-	51

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Port McNicoll	5	-	3	2	-	3
Port Stanley	22	-	3	19	-	5
Powassan	4	-	-	4	-	-
Prescott	73	-	23	50	-	31
Rainy River	17	-	2	15	-	3
Rayside-Balfour	87	-	29	58	-	37
Renfrew	138	-	42	96	-	66
Richmond Hill	530	4	185	341	4	284
Ridgetown	27	-	7	20	-	11
Rockliffe Park	34	-	7	27	-	8
Rockland	53	-	19	34	-	26
Rockwood	4	-	1	3	-	1
Rodney	7	-	3	4	-	4
Rosseau	2	-	1	1	-	4
Russell	2	-	1	1	-	1
St. Catharines	2,366	7	785	1,574	7	1,125
St. Clair Beach	13	-	6	7	-	14
St. Isidore de Prescott	8	-	2	6	-	4
St. Marys	75	1	21	53	1	28
St. Thomas	461	-	134	327	-	187
Sarnia	1,285	1	377	907	1	503
Sault Ste. Marie	1,867	8	553	1,306	8	757
Seaforth	30	-	4	26	-	4
Shallow Lake	1	-	-	1	-	-
Shelburne	28	-	3	25	-	3
Simcoe	298	2	100	196	2	142
Sioux Lookout	49	-	6	43	-	8
Smiths Falls	218	1	48	169	1	67
Smooth Rock Falls	12	-	-	12	-	-
Southampton	42	-	15	27	-	27
South River	3	-	-	3	-	-
Spencerville	1	-	-	1	-	-
Springfield	1	-	-	1	-	-
Stayner	28	-	7	21	-	8
Stirling	29	-	9	20	-	9
Stoney Creek	478	-	181	297	-	243
Stratford	516	1	148	367	1	191
Strathroy	108	1	40	67	1	58
Sturgeon Falls	84	-	20	64	-	25
Sudbury	2,028	6	756	1,266	6	1,091
Sundridge	4	-	1	3	-	1
Tara	2	-	1	1	-	19
Tecumseh	98	1	35	62	1	42
Teeswater	6	-	1	5	-	1
Thamesville	11	-	5	6	-	5

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Thedford	7	-	3	4	-	4
Thessalon	10	-	6	4	-	9
Thornbury	16	-	1	15	-	1
Thorold	234	1	70	163	2	95
Thunder Bay	3,258	5	853	2,400	6	1,179
Tilbury	77	-	24	53	-	30
Tillsonburg	189	-	47	142	-	64
Timmins	946	2	282	662	2	370
Tiverton	2	-	2	-	-	2
Tottenham	17	-	5	12	-	6
Trenton	296	1	88	207	1	124
Tweed	18	-	5	13	-	5
Valley East	254	4	110	140	4	179
Vanier	582	1	170	411	1	206
Vankleek Hill	11	-	4	7	-	8
Vaughan	803	6	285	512	8	440
Victoria Harbour	15	-	5	10	-	6
Walden	69	1	25	43	1	40
Walkerton	63	-	17	46	-	27
Wallaceburg	204	1	61	142	1	85
Wardsville	1	-	1	-	-	2
Warkworth	3	-	-	3	-	-
Wasaga Beach	107	-	35	72	-	55
Waterloo	1,081	1	332	748	1	442
Watford	18	1	3	14	1	5
Webbwood	3	-	-	3	-	-
Welland	890	3	255	632	3	344
Wellington	13	1	3	9	1	6
West Lorne	13	-	4	9	-	6
Westport	12	-	4	8	-	5
Wheatley	12	-	1	11	-	1
Whitby	672	2	282	388	2	407
Whitchurch-Stouffville	144	1	53	90	1	78
Wiarton	30	-	12	18	-	20
Williamsburg	3	-	2	1	-	2
Winchester	13	-	2	11	-	2
Winchester Springs	1	-	1	-	-	1
Windsor	4,993	10	1,819	3,164	11	2,648
Wingham	36	-	7	29	-	10
Woodstock	567	-	182	385	-	260
Woodville	3	-	-	3	-	-
Wroxeter	1	-	-	1	-	-
Wyoming	14	-	2	12	-	2
Zurich	2	-	-	2	-	-
Total	**137,039**	**375**	**44,950**	**91,714**	**408**	**62,672**

Summary of Motor Vehicle Traffic Accident Statistics
Number of Accidents

Ontario 1984

	Total	Fatal	Personal Injury	Property Damage Only
Accident Involves*				
Single Motor Vehicle or Motor Vehicle And	**43,929**	361	16,618	26,950
Other Motor Vehicle/s	**136,974**	399	39,493	97,082
Pedestrian	**5,422**	170	5,242	10
Cyclist	**4,255**	50	4,143	62
Railway Train	**173**	14	61	98
Street Car	**376**	—	77	299
Farm Tractor	**226**	4	69	153
Animal	**3,097**	3	301	2,793
Other	**330**	10	97	223
Total	**194,782**	**1,011**	**66,101**	**127,670**
Month of Occurrence				
January	**18,163**	55	4,792	13,316
February	**14,431**	37	4,005	10,389
March	**15,261**	48	4,211	11,002
April	**11,827**	72	4,195	7,560
May	**14,471**	85	5,379	9,007
June	**15,877**	109	6,448	9,320
July	**15,667**	108	6,512	9,047
August	**16,664**	128	6,641	9,895
September	**16,221**	107	6,064	10,050
October	**17,007**	99	6,047	10,861
November	**19,026**	83	6,230	12,713
December	**20,167**	80	5,577	14,510
Total	**194,782**	**1,011**	**66,101**	**127,670**
Day of Occurrence				
Sunday	**22,470**	166	8,384	13,920
Monday	**25,944**	106	8,707	17,131
Tuesday	**25,553**	104	8,471	16,978
Wednesday	**26,032**	109	8,549	17,374
Thursday	**28,538**	118	9,433	18,987
Friday	**35,891**	187	11,841	23,863
Saturday	**30,354**	221	10,716	19,417
Total	**194,782**	**1,011**	**66,101**	**127,670**
Hour of Occurrence				
12 to 1 A.M.	**4,745**	55	1,672	3,018
1 to 2 "	**6,474**	76	2,550	3,848
2 to 3 "	**4,233**	58	1,594	2,581
3 to 4 "	**2,296**	20	871	1,405
4 to 5 "	**1,528**	19	566	943
5 to 6 "	**1,370**	17	502	851
6 to 7 "	**3,379**	20	1,139	2,220
7 to 8 "	**7,472**	27	2,409	5,036
8 to 9 "	**10,606**	24	3,394	7,188
9 to 10 "	**7,376**	21	2,083	5,272
10 to 11 "	**8,177**	29	2,439	5,709
11 to 12 "	**9,695**	27	3,051	6,617
12 to 1 P.M.	**10,650**	41	3,482	7,127
1 to 2 "	**10,606**	28	3,415	7,163
2 to 3 "	**11,200**	39	3,603	7,558
3 to 4 "	**14,210**	39	4,932	9,239
4 to 5 "	**16,438**	70	5,759	10,609
5 to 6 "	**14,491**	46	5,179	9,266
6 to 7 "	**10,837**	67	3,835	6,935
7 to 8 "	**9,472**	71	3,480	5,921
8 to 9 "	**8,078**	62	2,994	5,022
9 to 10 "	**6,970**	40	2,504	4,426
10 to 11 "	**6,097**	52	2,231	3,814
11 to 12 "	**5,993**	53	2,179	3,761
Not Known	**2,389**	10	238	2,141
Total	**194,782**	**1,011**	**66,101**	**127,670**

*Based on initial impact

	Total	Fatal	Personal Injury	Property Damage Only
Light Conditions				
Daylight	**124,462**	449	41,974	82,039
Dawn	**2,463**	12	829	1,622
Dusk	**6,892**	34	2,334	4,524
Darkness	**60,965**	516	20,964	39,485
Total	**194,782**	**1,011**	**66,101**	**127,670**
Road Surface Cond.				
Dry	**115,052**	712	42,043	72,297
Wet	**48,264**	187	16,266	31,811
Loose Snow	**8,860**	25	2,043	6,792
Slush	**5,087**	22	1,262	3,803
Packed Snow	**6,542**	18	1,413	5,111
Ice	**9,611**	39	2,547	7,025
Mud	**107**	—	27	80
Loose Sand or Gravel	**1,259**	8	500	751
Total	**194,782**	**1,011**	**66,101**	**127,670**
Road Condition				
Good	**190,240**	988	64,626	124,626
Under Repair	**961**	9	322	630
Under Construction	**1,941**	6	623	1,312
Other	**1,640**	8	530	1,102
Total	**194,782**	**1,011**	**66,101**	**127,670**
Road Type				
Asphalt	**183,698**	927	62,211	120,560
Gravel or Crushed Stone	**7,377**	67	2,599	4,711
Concrete	**2,882**	7	1,011	1,864
Earth	**515**	4	174	337
Other	**310**	6	106	198
Total	**194,782**	**1,011**	**66,101**	**127,670**
Visibility				
Clear	**149,301**	814	51,729	96,758
Rain	**25,054**	92	8,543	16,419
Snow or Sleet	**15,526**	54	4,025	11,447
Fog, Mist, Smoke or Dust	**4,901**	51	1,804	3,046
Total	**194,782**	**1,011**	**66,101**	**127,670**
Place of Occurrence				
Urban Area	**136,432**	310	44,669	91,453
Kings Highway (Inc. Sec. Hwy.)	**36,107**	403	13,275	22,429
Other	**22,243**	298	8,157	13,788
Total	**194,782**	**1,011**	**66,101**	**127,670**
Road Location				
Non-Intersection	**76,408**	596	25,590	50,222
Intersection-Related	**28,907**	60	10,061	18,786
In Intersection	**54,659**	195	20,512	33,952
Intersection with Private Drive	**31,833**	112	8,801	22,720
At Railway Crossing	**617**	16	214	387
Underpass or Tunnel	**441**	10	149	282
Overpass or Bridge	**1,958**	22	715	1,221
Other	**159**	—	59	100
Total	**194,782**	**1,011**	**66,101**	**127,670**

Summary of Motor Vehicle Traffic Accident Statistics
Number of Drivers and Pedestrians

Ontario 1984

	In All Accidents	In Fatal	In Personal Injury	In Property Damage Only
Sex of Driver				
Male	233,774	1,306	81,041	151,427
Female	83,733	271	29,658	53,804
Not Known	16,444	5	2,855	13,584
Total	333,951	1,582	113,554	218,815
Age of Driver				
Under 16	365	6	164	195
16-19 Years	34,171	175	12,512	21,484
20-24 "	59,719	333	21,307	38,079
25-34 "	85,443	414	29,657	55,372
35-44 "	58,773	266	20,527	37,980
45-54 "	36,910	169	12,583	24,158
55-64 "	25,936	110	8,594	17,232
65 & Over	16,190	101	5,272	10,817
Not Known	16,444	8	2,938	13,498
Total	333,951	1,582	113,554	218,815
Licence of Driver				
Licensed	300,450	1,404	104,217	194,829
Unlicensed	6,117	103	2,750	3,264
Not Known	27,384	75	6,587	20,722
Total	333,951	1,582	113,554	218,815
Residence of Driver				
Alberta	520	4	195	321
British Columbia	252	—	93	159
Manitoba	324	3	99	222
New Brunswick	129	2	36	91
Newfoundland	64	1	25	38
Nova Scotia	136	—	38	98
Ontario	309,850	1,522	108,027	200,301
Prince Edward Island	27	—	10	17
Quebec	3,096	11	903	2,182
Saskatchewan	81	1	31	49
Yukon and Northwest Territories	15	—	8	7
United States	2,866	26	1,078	1,762
Other Foreign	332	2	118	212
Not Known	16,259	10	2,893	13,356
Total	333,951	1,582	113,554	218,815
Condition of Driver				
Normal	281,984	988	95,140	185,856
Had Been Drinking	15,094	211	7,221	7,662
Ability Impaired Alcohol	8,645	281	3,999	4,365
Ability Impaired Drugs	134	—	56	78
Fatigue	1,147	5	547	595
Medical or Physical Defect	647	6	334	307
Not Known	25,992	90	6,130	19,772
Other	308	1	127	180
Total	333,951	1,582	113,554	218,815
Apparent Driver Action				
Driving Properly	144,064	605	51,047	92,412
Following Too Close	17,379	3	6,911	10,465
Speed Too Fast	27,338	356	11,233	15,749
Improper Turn	13,354	11	3,397	9,946
Disobey Traffic Signal	6,565	19	2,765	3,781
Disobey Stop Sign	3,849	46	1,755	2,048
Fail to Yield Right-Of-Way	36,372	116	10,684	25,272
Improper Passing	5,285	33	1,390	3,862
Lost Control	23,197	115	8,093	14,989
Wrong Way On One-Way Road	319	3	126	190
Disobey Other Controls	154	3	55	96
Not Known	30,859	156	7,530	23,173
Other	25,216	116	8,568	16,532
Total	333,951	1,582	113,554	218,815

	Killed	Injured
Condition of Pedestrian		
Normal	97	4,530
Had Been Drinking	20	420
Ability Impaired Alcohol	38	138
Ability Impaired Drugs	—	4
Fatigue	—	3
Medical or Physical Defect	7	98
Not Known	25	504
Other	2	70
Total	189	5,767
Pedestrian Action		
Crossing Intersection With Right of Way	7	1,076
Crossing Intersection Without Right of Way	11	424
Crossing Intersection, No Traffic Control	8	135
Crossing Pedestrian Crossover	2	194
Walking on Roadway With Traffic	12	207
Walking on Roadway Against Traffic	11	90
On Sidewalk or Shoulder	11	362
Coming From Behind Parked Vehicle or Object	6	351
Playing or Working on Highway	4	93
Running into Roadway	25	1,151
Crossing Through Traffic	61	854
Other	31	830
Total	189	5,767

Summary of Motor Vehicle Traffic Accident Statistics
Number of Victims

Ontario 1984

Type of Accident		Age of Persons Killed											Age of Persons Injured									
		Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated
Single Motor Vehicle		386	4	4	79	113	83	35	23	16	26	3	22,942	246	764	5,417	5,795	5,109	2,556	1,404	899	642	110
Collision With Motor Vehicle And	Other Motor Veh's	469	6	12	52	99	82	57	33	61	67	—	63,563	1,024	3,192	7,469	11,329	14,968	10,154	6,849	4,883	3,447	248
	Pedestrian	179	6	23	17	18	12	18	19	12	54	—	5,558	261	1,481	662	582	747	477	368	350	566	64
	Cyclist	51	—	33	8	1	5	5	3	2	1	3	4,329	45	1,362	1,016	697	447	144	79	62	44	433
	Railway Train	25	—	4	6	4	7	2	1	1	—	—	84	—	5	8	12	18	16	10	12	3	—
	Street Car	—	—	—	—	—	—	—	—	—	—	—	108	—	6	5	21	26	25	17	6	2	—
	Farm Tractor	5	—	—	2	1	1	—	1	1	—	—	109	4	3	20	17	24	15	9	14	3	—
	Animal	3	—	—	—	2	1	—	—	—	—	—	401	6	16	55	73	110	62	43	29	7	—
	Other	14	—	—	—	3	4	2	2	2	1	—	136	1	15	25	35	32	8	6	7	5	2
Total		1,132	16	66	164	241	195	119	81	95	149	6	97,230	1,587	6,844	14,677	18,561	21,481	13,457	8,785	6,262	4,719	857

Victim	Victims By Class and Age Group — Killed											Victims By Class and Age Group — Injured										
	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated
Driver	460	1	—	41	99	108	63	44	46	55	3	48,674	3	20	5,115	9,252	13,473	9,209	5,715	3,684	2,148	55
Passenger	282	9	18	66	58	34	20	13	27	37	—	31,865	1,276	3,821	5,791	5,678	5,348	3,196	2,458	2,098	1,934	265
Pedestrian	189	6	23	18	20	13	19	19	16	55	—	5,767	265	1,498	676	596	796	505	407	373	578	73
Bicyclist	50	—	23	7	1	5	5	3	2	1	3	4,262	33	1,352	1,011	685	438	126	77	59	37	444
Motorcycle Driver*	124	—	1	27	54	27	11	2	2	—	—	5,388	—	43	1,608	1,954	1,252	360	102	43	16	10
Motorcycle Passenger	19	—	1	4	9	5	—	—	—	—	—	1,036	1	55	415	343	150	50	14	1	—	7
Other**	8	—	—	1	—	3	1	—	2	1	—	238	9	55	61	53	24	11	12	4	6	3
Total	1,132	16	66	164	241	195	119	81	95	149	6	97,230	1,587	6,844	14,677	18,561	21,481	13,457	8,785	6,262	4,719	857

	Victims By Age Group and Sex — Killed											Victims By Age Group and Sex — Injured										
	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated
Male	798	6	45	118	200	149	89	54	50	83	4	56,193	851	3,819	9,136	11,898	12,703	7,291	4,629	3,211	2,196	459
Female	334	10	21	46	41	46	30	27	45	66	2	40,909	734	3,024	5,539	6,657	8,777	6,163	4,154	3,051	2,522	288
Not Recorded	—	—	—	—	—	—	—	—	—	—	—	128	2	1	2	6	1	3	2	—	1	110
Total	1,132	16	66	164	241	195	119	81	95	149	6	97,230	1,587	6,844	14,677	18,561	21,481	13,457	8,785	6,262	4,719	857

Killed	Victims By Class and Sex							
	Total	Driver	Passenger	Pedestrian	Bicyclist	Motorcycle Driver*	Motorcycle Passenger	Other**
Male	798	365	139	118	41	120	8	7
Female	334	95	143	71	9	4	11	1
Total	1,132	460	282	189	50	124	19	8
Injured								
Male	56,193	31,562	12,469	3,132	3,120	5,160	565	185
Female	40,909	17,086	19,363	2,618	1,095	224	471	52
Not Rec'd	128	26	33	17	47	4	—	1
Total	97,230	48,674	31,865	5,767	4,262	5,388	1,036	238

Victims by Road Jurisdiction		
	Killed	Injured
Municipal (Excl. Tp. Rd.)	334	62,145
Provincial Highway	459	22,428
Township	133	6,285
County or District	99	3,955
Regional Mun.	93	1,908
Other	14	509
Total	1,132	97,230

*Includes Moped Driver

**Includes Moped Passenger

Victims By Month of Occurrence					
Month	Killed	Injured	Month	Killed	Injured
Jan.	65	7,179	July	128	9,678
Feb.	41	5,804	Aug.	137	9,861
Mar.	59	6,321	Sept.	123	8,883
Apr.	78	6,129	Oct.	113	8,819
May	90	7,743	Nov.	89	9,269
June	115	9,223	Dec.	94	8,321
			Total	1,132	97,230

Summary of Motor Vehicle Traffic Accident Statistics
Number of Vehicles

Ontario 1984

	In All Accidents	In Fatal	Personal Injury	Property Damage
Type of Vehicle				
Passenger Car	271,721	1,071	89,899	180,751
Passenger Car & Trailer	647	4	182	461
Truck	49,528	276	14,527	34,725
Truck & Trailer	911	1	233	677
Tractor & Semi-Trailer	6,231	96	1,753	4,382
Motorcycle	6,553	144	5,578	831
Bus	2,514	5	898	1,611
School Bus/Vehicle	1,100	2	304	794
Other Motor Vehicle/ Unknown	13,342	14	2,489	10,839
Non Motor Vehicle	5,816	76	4,720	1,020
Total	358,363	1,689	120,583	236,091
Condition of Vehicle				
No Apparent Defect	329,996	1,472	112,853	215,671
Service Brakes Defective	1,361	16	616	729
Steering Defective	297	2	117	178
Tire Puncture or Blow Out	940	6	354	580
Tire Tread Insufficient	741	21	374	346
Headlamps Defective	204	7	124	73
Other Lamps or Reflectors Defective	467	4	136	327
Engine Controls Defective	605	5	181	419
Wheels or Suspension Defective	372	6	94	272
Vision Obscured	207	1	67	139
Trailer Hitch Defective	91	—	13	78
Other Defects	2,194	19	686	1,489
Not Known	20,888	130	4,968	15,790
Total	358,363	1,689	120,583	236,091
Model Year of Vehicle				
1985	1,588	9	501	1,078
1984	30,125	145	10,535	19,445
1983	28,133	140	9,996	17,997
1982	25,837	129	9,138	16,570
1981	33,220	125	11,139	21,956
1980	32,468	136	10,687	21,645
1979	33,319	146	10,782	22,391
1978 & Earlier	154,714	724	51,483	102,507
Not Known	18,959	135	6,322	12,502
Total	358,363	1,689	120,583	236,091

	In All Accidents	In Fatal	Personal Injury	Property Damage
Vehicle Manoeuver				
Going ahead	196,146	1,355	72,720	122,071
Slowing/Stopping	23,812	59	9,129	14,624
Overtaking	6,108	58	1,875	4,175
Turning Left	37,742	70	12,264	25,408
Turning Right	11,622	9	3,072	8,541
Making "U" Turn	1,383	4	432	947
Changing Lanes	11,693	28	2,619	9,046
Merging	1,107	1	269	837
Reversing	9,256	7	917	8,332
Stopped or Parked	47,466	59	15,092	32,215
Pulling Away From Shoulder or Curb	2,444	6	423	2,015
Pulling Onto Shoulder or Into Curb	639	3	164	472
Not Known or Other	8,945	30	1,607	7,308
Total	358,363	1,689	120,583	236,091
Insurance				
Insured	331,872	1,565	110,756	219,551
Not Insured	5,914	71	4,159	1,684
Not Known	20,577	53	5,668	14,856
Total	358,363	1,689	120,583	236,091

Amount of Property Damage

$461,533,108.00

Ontario

Ministry of
Transportation and
Communications

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